ENGLISH

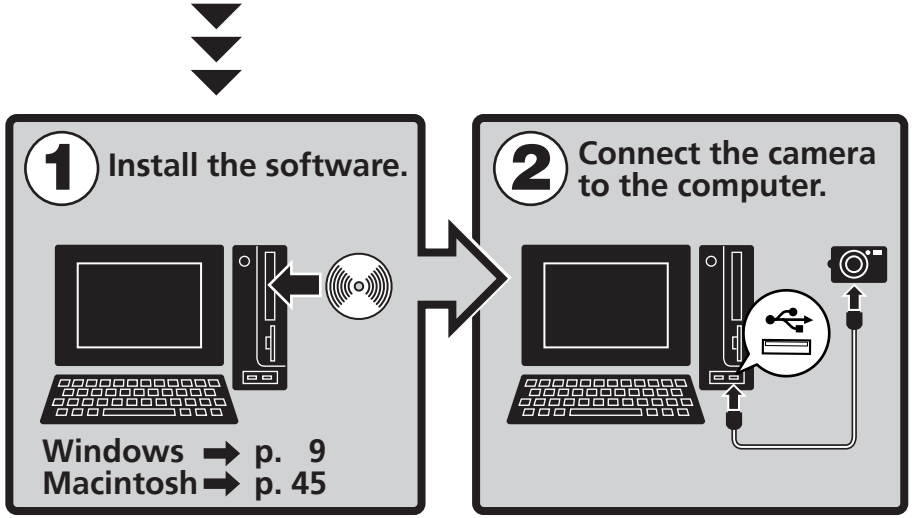
Canon

CDI-E338

Software Starter Guide

(For the Canon Digital Camera Solution Disk Version 31/32)

You must install the software bundled on the Canon Digital Camera Solution Disk before connecting the camera to the computer.



- **This guide explains how to install the software programs and briefly introduces their functions and operating procedures.**

You may download images without installing this software on recent operating systems other than Windows 2000. However, there are several limitations (p. 85).

DPOF™

Windows/Macintosh

Windows

Macintosh

CDI-E338-010 xx04xxxx
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SAFETY PRECAUTIONS

The precautions noted within this guide are intended to instruct you in the safe and correct use of the products and to prevent injuries or damage to yourself, other persons and property. Please read and ensure that you understand them before proceeding to other sections of the guide.

⚠Warnings This symbol indicates topics that could lead to death or serious injury if ignored or handled incorrectly.

⚠Warnings

- Do not play the supplied CD-ROM(s) in any CD player that does not support data CD-ROMs. Playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer from hearing loss from listening with headphones to the loud sounds of a CD-ROM played on a music CD player.

Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. Canon reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
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Canon Customer Support

For Canon Customer Support contacts, please see the customer support list supplied with your camera.

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Using the PDF Manuals

The following PDF-format manuals (hereafter PDF manuals) are provided to explain the features and procedures for using ZoomBrowser EX and ImageBrowser.

- ZoomBrowser EX Software User Guide (Windows)
- ImageBrowser Software User Guide (Macintosh)

Adobe Reader must be installed to read the aforementioned PDF manuals. If it is not already installed on your computer, download it from the following website.
http://www.adobe.com

Viewing PDF Manuals

Viewing Manuals Downloaded from a Website

These PDF-format manuals are available on the Canon website. Use your browser program to download these manuals from the following URL:
http://web.canon.jp/Imaging/information-e.html

Read This First

This chapter explains what you can accomplish using the camera with the software contained on the Canon Digital Camera Solution Disk.
It also lists the computer system configurations required to use the software.

About this Guide
- The explanations in this guide are based on Windows XP and Mac OS X v10.4. If you are using another version of these operating systems, the actual screen contents and procedures may vary slightly from those shown.
- The following terms are used in this guide.
  Mac OS X is used for Mac OS X (v10.3-v10.4)

Precautions

Ensure that you have installed the software from the supplied Canon Digital Camera Solution Disk before you connect the camera to the computer.

Precautions for Connecting the Camera to the Computer

- The connection may not operate correctly if you attach the camera to the computer with an interface cable via a USB hub.
- The connection may not operate correctly if you are using other USB devices, excluding USB mice or keyboards, at the same time as the camera. If this occurs, disconnect the other devices from the computer and try reconnecting the camera.
- Do not connect two or more cameras at the same time to the same computer. The connections may not operate correctly.
- Never allow the computer to go into standby (sleep) mode while a camera is connected via the USB interface cable. If it does happen, never disconnect the interface cable. Try to awaken the computer with the camera in the connected state. Some computers will not awaken properly if you disconnect the camera while they are in standby (sleep) mode. Please refer to your computer manual for instructions regarding the standby (sleep) mode.

- You are recommended to use an AC adapter (sold separately) when connecting to a computer. Ensure that you use fully charged batteries if you cannot use an AC adapter.
- See the *Camera User Guide* for procedures connecting the camera to the computer.

It's so Simple! Make Prints Right at Home Like a Pro

Shoot the images

See your *Camera User Guide* for shooting instructions.

Install the software on the computer

Just install the software once at the beginning.

Windows (p. 9)
Macintosh (p. 45)

Connect the camera to the computer

See your *Camera User Guide* for connecting instructions.

Precautions for Connecting the Camera to the Computer (p. 3)

Download images to the computer

Windows (p. 14)
Macintosh (p. 47)

Print the images

Windows (p. 19)
Macintosh (p. 51)

Unbounded Possibilities with Entertaining Software

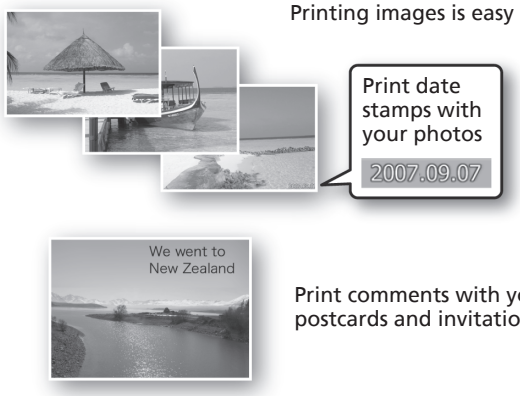
ZoomBrowser EX (Windows)/ImageBrowser (Macintosh)

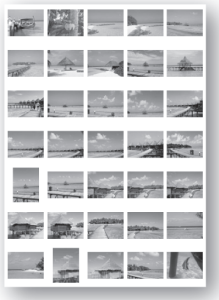
Versatile image management software for downloading images, editing still images and movies, and printing.

Experiment with diverse printing techniques

Print a variety of layouts. Change paper sizes and print your photos with date stamps and comments to enjoy an expanded range of possibilities.

Windows (p. 19) Macintosh (p. 51)


Printing images is easy
Print date stamps with your photos
2007.09.07
We went to New Zealand
Print comments with your postcards and invitations



Check multiple photos at a glance with the index printing.

Edit a Movie

You can edit movies, linking movies and stills that have been downloaded to the computer, adding text, such as titles, adding background music or applying various special effects.

Windows (p. 31) Macintosh (p. 63)

Extract Stills from Movies

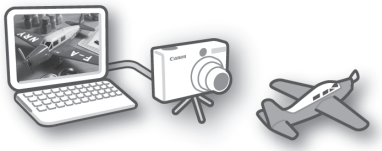
You can extract a still from the displayed movie and save it as a new image file. You can also specify a range of frames and extract multiple stills.

Windows Vista or Windows XP only (p. 29) Macintosh (p. 61)

Operate the Camera Shutter from the Computer (Remote Shooting)

Shoot and control the camera's shutter from a computer. You can save the recorded images directly to the computer. (Certain models only)

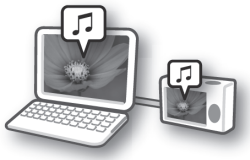
Windows (p. 32) Macintosh (p. 64)



Enjoy Customizing Your Camera (My Camera)

Set your favorite images and sounds as the camera's start-up image or shutter sound. (Certain models only)

Windows (p. 39) Macintosh (p. 70)



PhotoStitch (Windows/Macintosh)

A program for merging multiple images into dramatic panoramas.

Stitch a Panorama Together

Windows (p. 36) Macintosh (p. 67)

System Requirements

Please install the software on a computer meeting the following minimum requirements.

Windows

OS	Windows Vista Windows XP Service Pack 2 Windows 2000 Service Pack 4
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.
CPU	Windows Vista: Pentium 1.3 GHz or higher Windows XP/Windows 2000: Pentium 500 MHz or higher
RAM	Windows Vista: 512 MB or more Windows XP/Windows 2000: 256 MB or more
Interface	USB
Free Hard Disk Space	•Canon Utilities - ZoomBrowser EX: 200 MB or more - PhotoStitch: 40 MB or more •Canon Camera TWAIN Driver: 25 MB or more
Display	1,024 x 768 pixels/High Color (16 bit) or better

Macintosh

OS	Mac OS X (v10.3-v10.4)
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.
CPU	PowerPC G3/G4/G5 or Intel Processor
RAM	256 MB or more
Interface	USB
Free Hard Disk Space	•Canon Utilities - ImageBrowser: 300 MB or more - PhotoStitch: 50 MB or more
Display	1,024 x 768 pixels/32,000 Colors or better

- A CD-ROM drive is required to install the software.
- Even when system requirements are met, not all computer functions can be guaranteed.
- A sound card is required to play movie file audio tracks under Windows.
- With Windows, QuickTime is required to save images merged with PhotoStitch as QuickTime VR images. It is also required to play and edit movies on the Windows 2000 platform.
- With Windows, Microsoft .NET Framework 2.0 or later is required. This will be automatically installed with ZoomBrowser EX.
- Macintosh software cannot be used on disks formatted in the UFS (Unix File System) format.

Using the Software on the Windows Platform – Preparations

This chapter explains the basic procedures for installing the software and connecting the camera to a computer. Read this material before you connect the camera to the computer.

Installing the Software and USB Driver

Start by installing the software from the Canon Digital Camera Solution Disk.

- You must install the software before you connect the camera to the computer.
- You must have authorization as a Computer System Administrator to install programs.

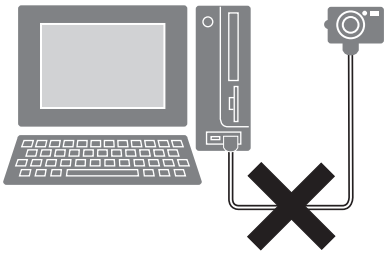
Items to Prepare

- Your camera and computer
- Canon Digital Camera Solution Disk
- Interface cable supplied with the camera

Installation Procedures

1 Confirm that the camera is NOT connected to the computer.

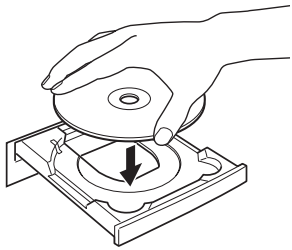
If it is, disconnect the cable. The software cannot be properly installed if the camera is connected to the computer at the start.



2 Close any programs that are running.

3 Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.

If the [User Account Control] window appears, follow the on-screen instructions to proceed.
If the installer panel does not appear automatically, use the following procedures.



How to Display the Installer Panel

Use the following procedures to display the installer panel if it does not appear automatically.

Windows Vista

1. Select [Computer] from the [Start] menu.
2. Right-click the CD-ROM icon and select [Open].
3. Double-click the [SETUP.EXE]* icon.
4. When [User Account Control] window displays, follow the on-screen instructions to proceed.

Windows XP

1. Select [My Computer] from the [Start] menu.
2. Right-click the CD-ROM icon and select [Open].
3. Double-click the [SETUP.EXE]* icon.

Windows 2000

1. Double-click the [My Computer] icon on the desktop.
2. Right-click the CD-ROM icon and select [Open].
3. Double-click the [SETUP.EXE]* icon.

* Some computers may not display the [.EXE] file name extension as shown above.

4 Click the Digital Camera Software [Easy Installation] button.

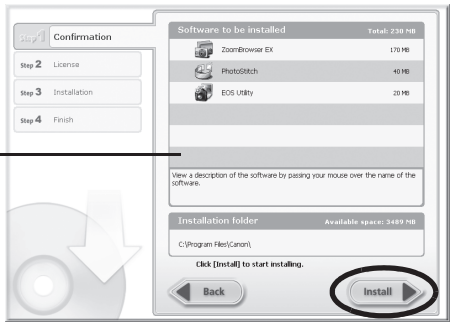
To individually select the software to install, click [Custom Installation].

Installer Panel

5 If other software is running, close each program before clicking [OK].

6 Review the installation settings and click [Install].

The items displayed here differ according to the software installed.



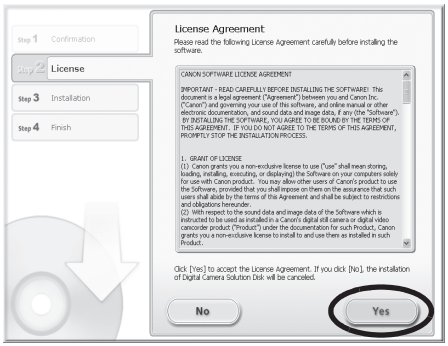
When [Custom Installation] is Selected with Windows 2000
The USB driver (the software for connecting) is required when the camera is connected to the computer with an interface cable. Ensure that you select the USB driver [Canon Camera TWAIN Driver].

*With Windows Vista and Windows XP, the USB driver supplied with the Windows operating system is used so there is no need to install a USB driver.

7 Click [Yes] if you agree to all of the terms of the software license agreement.

The installation will start.

Follow the on-screen instructions to proceed with the installation.


Step 1 Confirmation
Step 2 License
Step 3 Installation
Step 4 Finish
License Agreement
Please read the following License Agreement carefully before installing the software.
CANON SOFTWARE LICENSE AGREEMENT
IMPORTANT - READ CAREFULLY BEFORE INSTALLING THE SOFTWARE: This document is a legal agreement ("Agreement") between you and Canon Inc. ("Canon") and governing your use of this software, and online manual or other electronic documentation, and sound data and image data, if any (the "Software"). BY INSTALLING THE SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY STOP THE INSTALLATION PROCESS.
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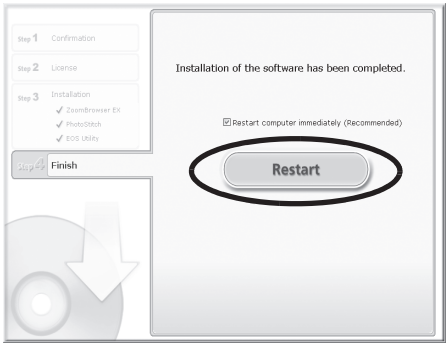
(2) With respect to the sound data and image data of the Software which is instructed to be used as installed in a Canon's digital still camera or digital video camcorder product ("Product") under the documentation for such Product, Canon grants you a non-exclusive license to install to and use them as installed in such Product.
Click [Yes] to accept the License Agreement. If you click [No], the installation of Digital Camera Solution Disk will be canceled.
No
Yes

8 When the installation is over, select [Restart computer immediately (Recommended)] and click [Restart].

At this stage, do NOT remove the Solution Disk from the CD-ROM drive yet.

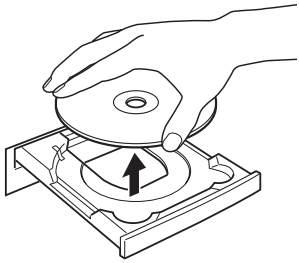


If there is no need to restart the computer, the [Finish] screen will display. Click [Finish], remove the Solution Disk from the CD-ROM drive and proceed to Step 10.

9 Remove the disk from the CD-ROM drive when your normal desktop screen appears after restarting.

This concludes the software installation.

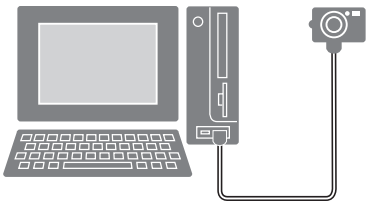
Continue by connecting the camera to the computer so that the USB driver can be utilized.



If you installed a USB driver, so far the required files have only been copied to your computer. You must now connect the camera to the computer with the interface cable to complete the installation and prepare the driver for use.

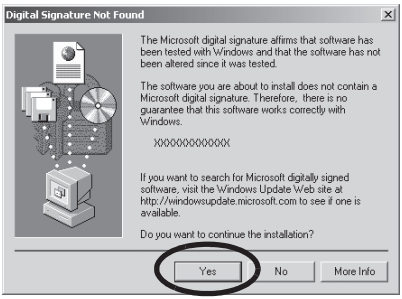
See *Uninstalling the Software* (p. 75) to delete the installed programs.

10 Attach the camera to the computer with the interface cable and set the camera to the correct mode for connecting.



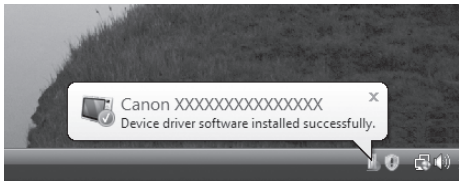
Procedures for attaching the camera to the computer and placing the camera in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

If the Digital Signature Not Found window appears, click [Yes].


Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
XXXXXXXXXXX
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection.
Dialogs similar to the following will appear during this process (first time the camera is connected to a computer only).

Windows Vista
The dialog on the right will appear after a few moments.



Windows XP
The dialog on the right will appear after a few moments.

Windows 2000
Restart the computer according to the instructions if you are prompted to do so by a message.

- If you experience problems installing the USB Driver, first uninstall it (p. 76) and then reinstall it. (Windows 2000)
- See *Uninstalling the USB Driver* (p. 76) to delete the USB driver installed with these procedures. (Windows 2000)
- See *If You Were Using ZoomBrowser EX Version 2 or 3* (p. 84) if you were previously using either version.

This concludes the software and USB driver installation and the procedures for connecting the camera to the computer.

To ensure security on computers with Microsoft .NET Framework installed, it will be necessary to update the computer using Windows Update.

You may now download camera images to the computer (p. 14).

Using the Software on the Windows Platform — The Basics

This chapter explains the procedures for using ZoomBrowser EX to download the camera's images to the computer and print them.
Read this chapter after completing the preparations in the *Using the Software on the Windows Platform — Preparations* section.

Downloading Images to the Computer

Begin by downloading the images to your computer. The downloading procedure is slightly different according to whether you are using a camera to computer connection (see below) or a memory card reader (p. 17).

You may not be able to download images when the camera is connected to a computer if there are a large number of images (approximately 1000) on the memory card. Use a memory card reader to download in that case.

Camera to Computer Connection

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL Terminal. Prepare the camera for communication with the computer.

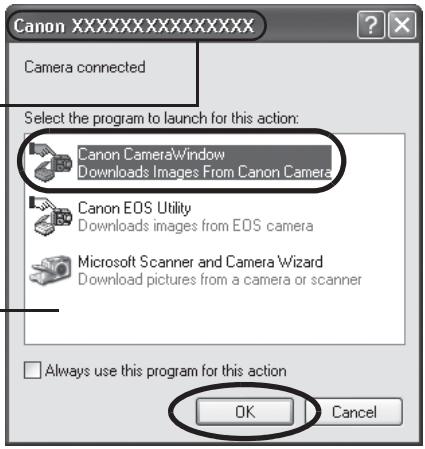
Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

2 Select [Canon CameraWindow] when a dialog (Events dialog) similar to that on the right displays and click [OK].

In Windows Vista, select [Downloads Images From Canon Camera using Canon CameraWindow] from the AutoPlay dialog.

Your camera model name or [Canon Camera] will appear here.

Different programs may display according to your computer setup.


Canon XXXXXXXXXXXXXX
Camera connected
Select the program to launch for this action:
Canon CameraWindow
Downloads Images From Canon Camera
Canon EOS Utility
Downloads images from EOS camera
Microsoft Scanner and Camera Wizard
Download pictures from a camera or scanner
Always use this program for this action
OK
Cancel

If this Events dialog does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [CameraWindow] and [CameraWindow].

CameraWindow displays when the camera and computer are set to the mode to communicate. (Images are not downloaded at this point.)

CameraWindow

Thumbnail Window **View Window**

3 Download the images using the camera or the computer.

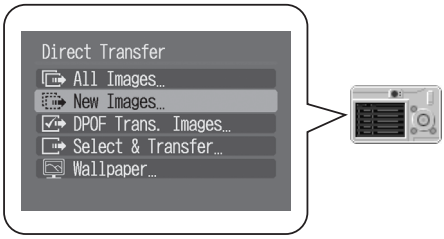
By default, the downloaded images are saved into the [Pictures] or [My Pictures] folder.

Using the Camera to Download Images (Windows Vista or Windows XP only)

Download images using the camera's Direct Transfer function.

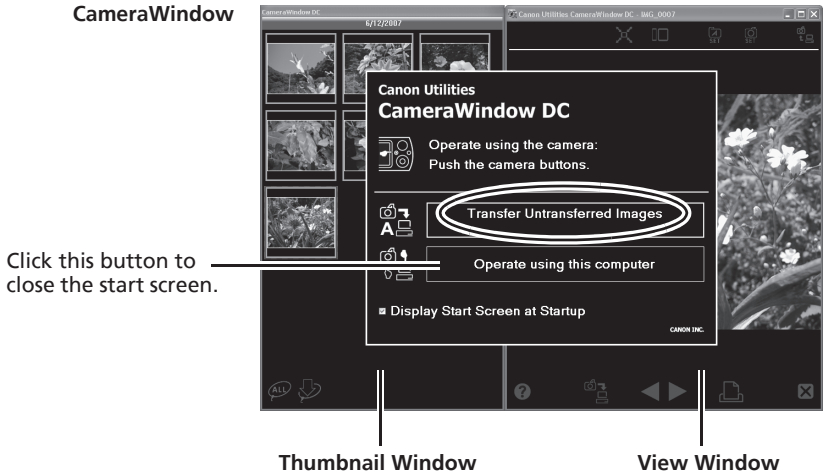
- When it is possible to use the Direct Transfer function, the Direct Transfer settings menu will appear on the LCD monitor and the (Print/Share) button will light.
- See the *Camera User Guide* for instructions regarding Direct Transfer settings and procedures.

Set the Direct Transfer settings on the camera and press the (Print/Share) button or the FUNC./SET button.



Using the Computer to Download Images

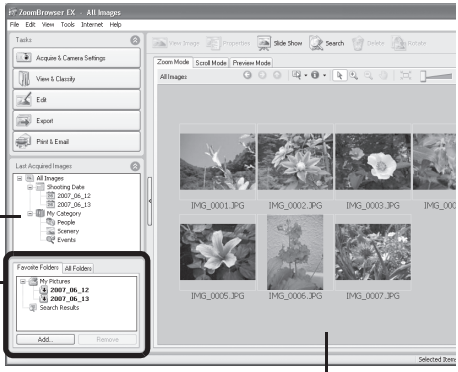
Click [Transfer Untransferred Images].



- To download images that have had transfer settings set with the camera, use the camera (Windows Vista or Windows XP only) or a memory card reader.
- To check images in the camera or to download only a portion of the images, click [Operate using this computer].
- You can also click in the View Window to upload to the camera images that were downloaded to the computer.

When you click [OK] in the image transfer completion window, the transferred images will display in the Main Window.

The downloaded images are saved into folders according to the shooting date.

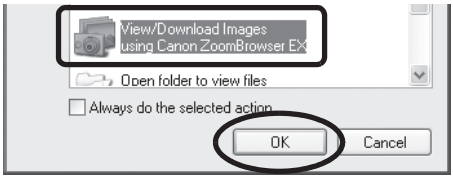

The last downloaded images will display here according to both their shooting dates and categories.
Folders Area
The downloaded symbol displays on downloaded folders.
Thumbnail

Next, print out the images (p. 19).

Memory Card Reader Connection

1 Insert the memory card into the reader.
Use a separately sold card adapter if required.
See the manual for the memory card reader for its connection and handling instructions.

2 Select [View/Download Images using Canon ZoomBrowser EX] when the dialog to the right appears and click [OK].



If the dialog above fails to appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [ZoomBrowser EX Memory Card Utility], [ZoomBrowser EX Memory Card Utility], and proceed to Step 3.

3 Click [Download Images].

You can adjust the settings, such as the type of image downloaded and the destination folder, by clicking [Preferences].

- By default, all the images that have yet to be downloaded will download to the [Pictures] or [My Pictures] folder.
- To download images that have had their transfer settings set with the camera, click [Preferences] and select [Images whose transfer settings were specified with the camera] as the image type to be downloaded.
- Click [Lets you select and download images] to show the memory card images in a list, check the images before downloading and download only selected images.
- See *Memory Card Folder Structure* (p. 78) for information about memory card folder structures and file names.

The downloaded images are saved into folders according to the shooting date.

At the same time they will also appear grouped by date and category in the [Last Acquired Images] section.

Next, print out the images (p. 19).

Printing Images

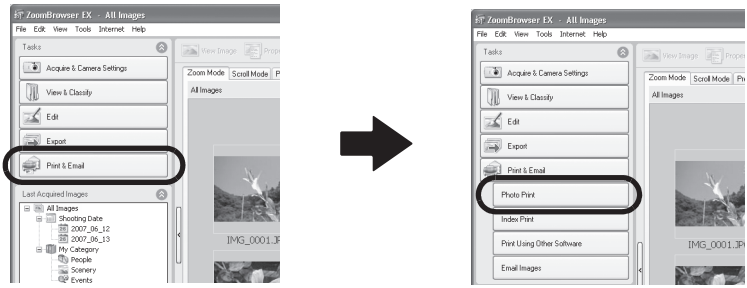
There are three methods for using ZoomBrowser EX to print images: [Photo Print], [Index Print] and [Print Using Other Software]. This section explains how to use the [Photo Print] option.

- Movies cannot be printed, but with Windows Vista and Windows XP you can print stills after they have been extracted from movies and saved to files.
- To use the Index Print option, click [Print & Email] in the Main Window, followed by [Index Print].

Photo Print

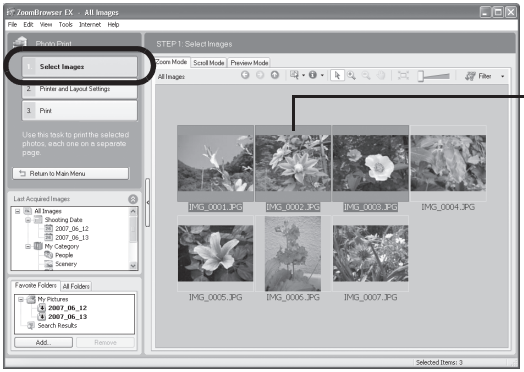
Prints one image on each page.

1 Click [Print & Email] in ZoomBrowser EX's Main Window, followed by [Photo Print].



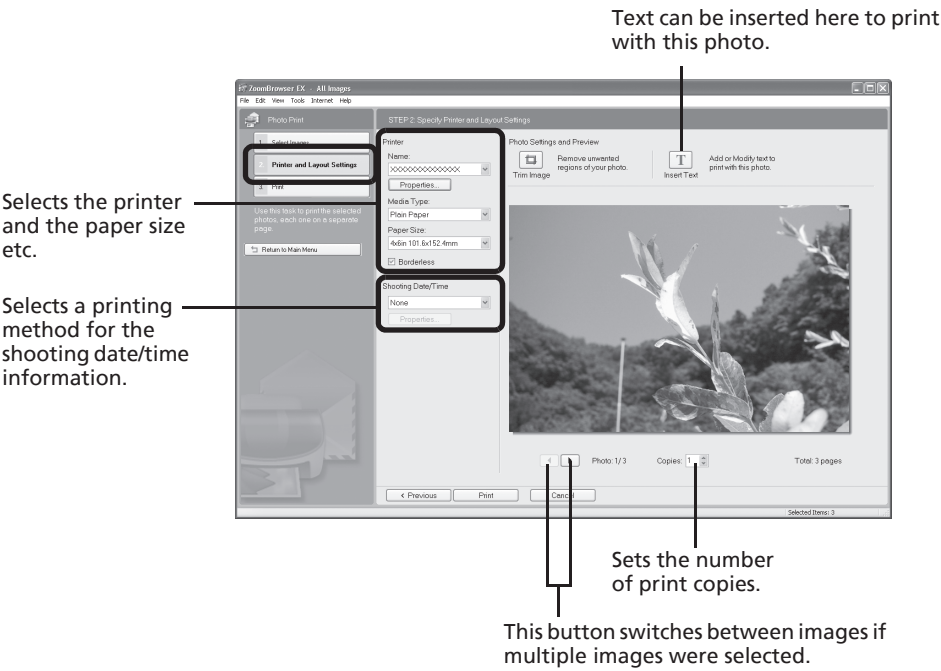
2 After confirming that [1. Select Images] is selected, select images.

You can select multiple images by holding the [Ctrl] key down while clicking on successive images.



The background of selected images changes to blue.

3 Click [2. Printer and Layout Settings] and adjust the categories as you feel necessary.



4 Click [3. Print].
Printing will start.

This chapter explained the ZoomBrowser EX basics.
Once you have mastered them, try the advanced techniques.
Using the Software on the Windows Platform — Advanced Techniques (p. 21).

Using the Software on the Windows Platform – Advanced Techniques

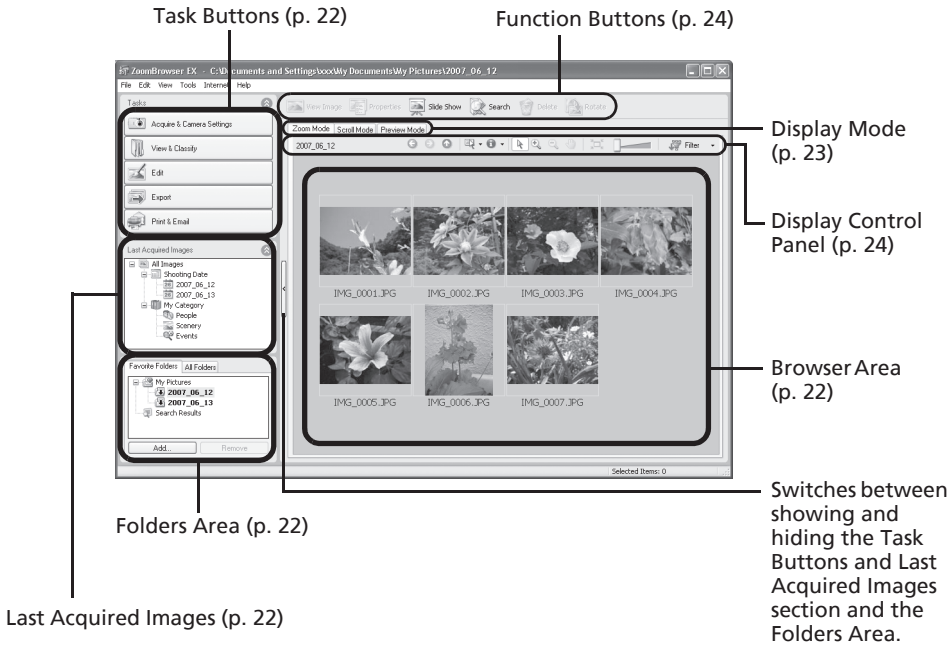
This chapter explains various ZoomBrowser EX features.
Proceed to this chapter once you have mastered the basic ZoomBrowser EX procedures in the *Using the Software on the Windows Platform — The Basics* chapter.

The ZoomBrowser EX Windows

This section describes the principal ZoomBrowser EX windows: the Main Window, Viewer Window and Properties Window.

Main Window

This window is for displaying and organizing images downloaded to the computer.


Task Buttons (p. 22)
Function Buttons (p. 24)
Display Mode (p. 23)
Display Control Panel (p. 24)
Browser Area (p. 22)
Switches between showing and hiding the Task Buttons and Last Acquired Images section and the Folders Area.
Folders Area (p. 22)
Last Acquired Images (p. 22)

Task Buttons

- ZoomBrowser EX's tasks are arranged here like an index.
- Click a Task button to carry out the desired task.
  These features are described in *ZoomBrowser EX Features* (p. 27)

Folders Area

- Use this area to select folders. The selected folders and the images within the selected folders display in the Browser Area.
  If you select a network drive in advance with Windows Explorer, you can display network folders, but you cannot add, change or delete those folders in the Browser Area.
- If you selected Favorite Folders, only the folders registered in advance as Favorite Folders will display. You are recommended to register a folder that you use frequently as one of the Favorite Folders. If you selected All Folders, all the folders will display.

> Methods for Registering a Favorite Folder
> - If [Favorite Folders] is displayed: click [Add] and select a folder.
> - If [All Folders] is displayed: select a folder and click [Add to Favorites].
> - To delete a folder in the Favorite Folders area, select a folder and click the [Delete] button.

Last Acquired Images

- You can check images grouped according to the shooting date or My Category.

Browser Area

- The folders and the images within the folders selected in the Last Acquired Images section or Folders Area display here.
- You can sort the image order in the Browser Area by file name, shooting date or other characteristics by selecting [View] and [Sort by].
- The following icons will display around images according to their attributes.

Images shot with the camera's Stitch Assist mode

RAW images

Movies

Images with sound memo attachments

Protected images

Images shot with the camera's AEB function

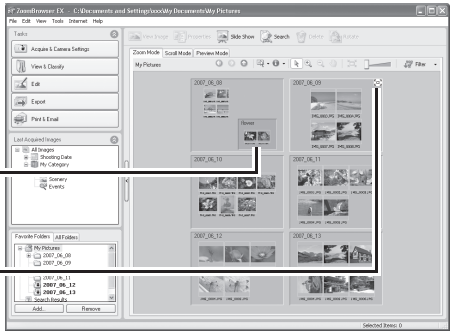
Rotated Images (In display only)

Display Mode

• Selects the display style for the Browser Area.

Zoom Mode

Displays all the images in a folder as thumbnail images. This mode is convenient for searching for images since many can be displayed at once.

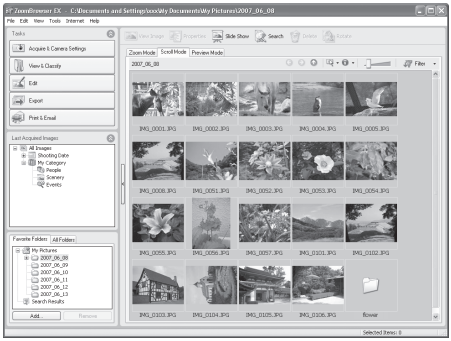


If additional folders are nested within a folder, their images are displayed as thumbnails as well.

If you move the mouse cursor over a folder, will display on the upper right. Clicking here displays that folder zoomed in.

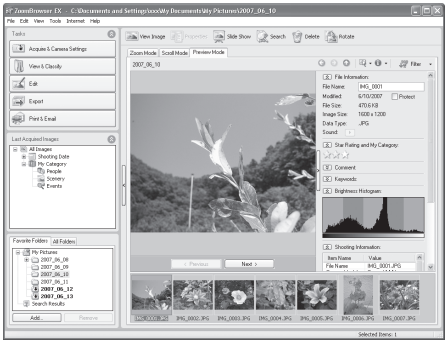
Scroll Mode

The images within the selected folder and subfolders will display. If you set the display folder depth (level) to [1] or greater, the thumbnails of the images in the folder will also display. You can change the folder depth in the [Tools] menu under the [Preferences] option.



Preview Mode

This mode displays the image at a larger size as well as the image information.



In zoom mode or scroll mode, positioning the mouse pointer over a thumbnail causes the image to appear at a higher magnification in a Mouse Over window. You can also set the Mouse Over window to not show in the (Show Information) menu.

Display Control Panel

• This panel adjusts the display settings for the Browser Area.

Selection Menu
Click this to select/deselect all images in the Browser Area.

Fit to Window
Changes the thumbnail size to fit them into the window.

Display Size
Changes the size of the thumbnail in the Browser Area.

Show/Hide Image Information Menu
Select here to show/hide such image information as the file name or shooting date or rating beneath the thumbnail.

Filter Tool Menu
Displays only images that correspond to the specific conditions.

Select Button
Use this to select images in Zoom mode.

Function Buttons

• These buttons are available for executing various functions.

View Image Button
Displays the selected image or movie in the Viewer Window.

Slide Show Button
Starts a slide show of the selected images.

Rotate Button
Rotates the selected image.

Properties Button
Displays information about the selected image in the Properties Window.

Search Button
Searches for images using such criteria as the Star Rating, modification date, shooting date, comments or keywords.

Delete Button
Deletes selected images or folders.

Viewer Window

Double-click an image in the Browser Area to display it in the Viewer Window.

Edit Menu
You can edit, eliminating red eyes, adjusting colors and brightness, cropping and inputting titles. You can also use it to start up other programs for editing.

Print Button
Prints the displayed image.

Shooting Information Display Button
Displays image shooting information.

Synchronize Button
Synchronizes the display settings when multiple images are displayed.

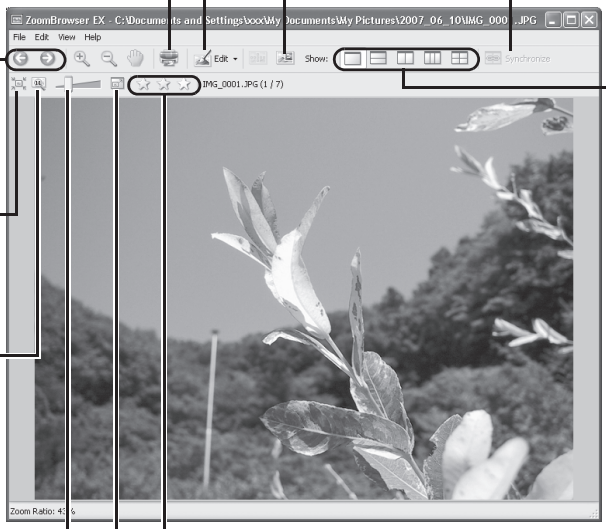


Image Selector Button
Switches between images.

Sets the image display size to the size in the Viewer Window.

Displays images in the Viewer Window at their actual size.

Number of Displays Button
Displays multiple images at once. This is handy for comparing images.

Zoom
Changes the image zoom setting.

Star Rating
Sets the Star Rating for an image.

Full Screen Button
Displays the image in the full screen mode. Click the image or press any key on the keyboard to restore the normal display mode.

- **RAW Image is Displayed**
  The [Display Original Image] button displays beneath the image. Clicking this button displays the converted image in the Viewer Window.
- **Movie is Displayed**
  Buttons will appear beneath the movie, allowing it to be played or the sound adjusted. With Windows Vista or Windows XP, the (Capture Still Frame) button will display beside the Star Ratings. Clicking this button extracts still images from movies.

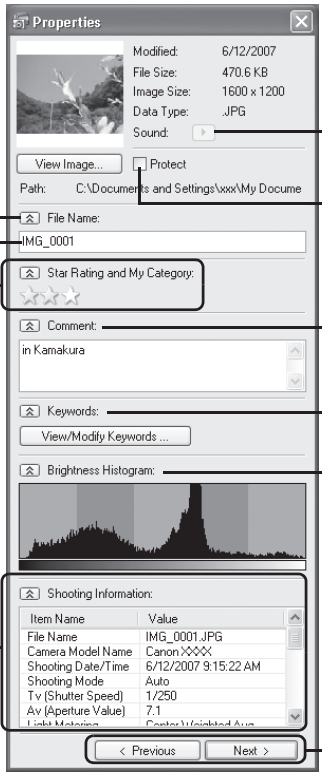
Properties Window

The Properties Window displays when you select an image in the Browser Area and click the Properties button. The Properties Window does not display in the Preview Mode.

Shows or hides categories.

File Name
The file name can be changed.

Star Rating and My Category
Sets the rating for an image. An icon will display if a My Category is set.



Shooting Information
Displays detailed information, such as the shutter speed and exposure compensation setting. The camera model will determine what information is displayed.

Plays a sound memo attached to an image.

Protect
Prevents an image from being overwritten or deleted.

Comment
You can type a comment here.

Keywords
Sets the keywords used in searches.

Brightness Histogram
A graph of the highlights and shadows distribution in an image.

Image Selector Buttons
If multiple images are selected with the Properties Window displayed, you can switch between the images for which the information is displayed.

ZoomBrowser EX Features

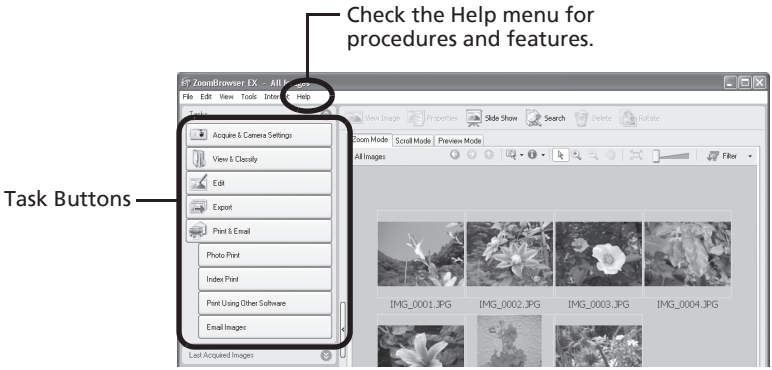
This section briefly introduces the Task Button functions.

> Some ZoomBrowser EX functions may not be available with certain camera models. Check the *Specifications* section of your *Camera User Guide* to see if your model supports them.

Workflow

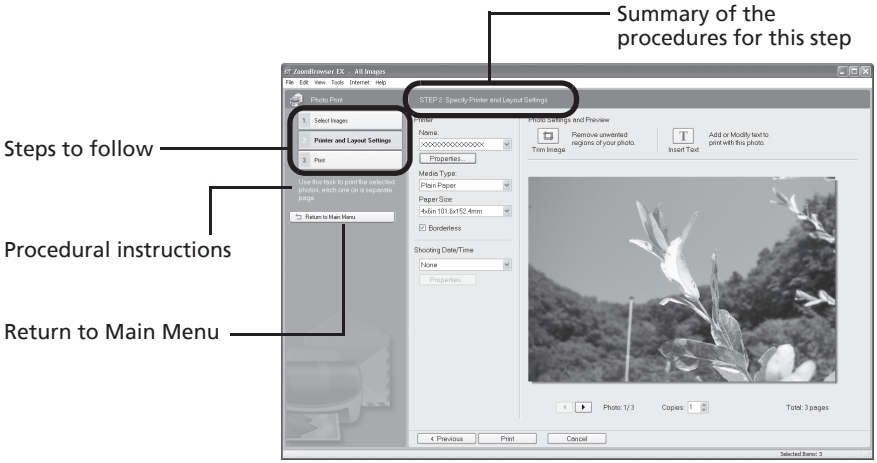
The following workflow is used in ZoomBrowser EX.

1 Click a Task button.



The Task buttons are explained in "Task Button Functions" (p. 28).

2 Perform the procedures according to the instructions.



Task Button Functions

Acquire & Camera Settings

Connect to Camera

You can do the following when you connect the camera and display CameraWindow.

- **Acquire Images**
  Downloads images and sound files from the camera (p. 14).
- **Print Images**
  Selects and prints the images in the camera.
- **Write to Camera**
  Uploads images on the computer to the camera.
- **Set to Camera**
  Sets the camera owner's name.

Connect to EOS Camera

This can only be used with EOS series cameras. For details on this function, see the user guide for your camera. (Windows XP and Windows 2000 only)

Acquire Images from Memory Card

Download images and sound files from a memory card (p. 17).
You can also select images on the memory card and print them.

Write Images to Memory Card

Uploads images from the computer to a memory card.

View & Classify

View as a Slide Show

Starts a slide show of the images selected in the Browser Area.

Rename Multiple Files

Changes the file names of the selected images in a single pass.

Classify into Folder

Classifies images and saves them into a specified folder.

Search

Performs image searches using criteria such as the Star Rating, modification date, shooting date, comments or keywords. Star Ratings, comments and keywords can be set in the image information column in the Preview Mode or in the Properties Window.

Edit

Edit Image
Allows you to perform image editing, such as cropping, image correction and red-eye correction. You can also use it to start other image editing programs.

Stitch Photos
Merges multiple images and creates a single large panoramic image (p. 36).

Edit Movie
Edits movies or still images strung together. You can add text as titles, or background music, and apply various effects (p. 31).

Process RAW Images
Converts RAW images into JPEG or TIFF images. You can adjust the image brightness, contrast and color balance among other attributes during conversion (p. 37).

Export

Export Still Images
Allows you to change the image size or type, and export it as a new image.

Export Movies
Allows you to change the movie size or type, and export it as a new movie.

Extract frames from a movie
Extracts still images from movies over a specified interval and saves them as image files. (Windows Vista and Windows XP only)

Export Shooting Properties
Allows you to select the necessary data from the shooting information and export it as a text file.

Export as a Screen Saver
Exports the image as a screen saver file.

Export as a Wallpaper
Exports the image as a wallpaper file.

Backup to CD
Copies images to a CD-R/RW disk for backup.
(Windows Vista and Windows XP only)

The Backup to CD function can only be used on computers satisfying the following requirements.
- A CD-R/RW drive is included as standard equipment
- The write to CD-R/RW Driver function operates correctly on the Windows Vista and Windows XP platforms

Print & Email

Photo Print
Prints one image per page (p. 19).
You can print "photos" easily.

Index Print
Lines up small versions of the images in rows and prints.

Print Using Other Software
Select the software to use and then print.

Email Images
Converts the selected images to the appropriate size for transmission by e-mail. You can also use it to automatically start an e-mail program after conversion.

Other Features

ZoomBrowser EX has the following features as well.

[My Camera Settings]
You can set the camera's start-up image or shutter sound (p. 39).

[Remote Shooting]
You can shoot and operate the camera from a computer (p. 32).

Editing Movies

You can create and edit movies: link movies and stills that have been downloaded to your computer, add background music, superimpose titles and other text, and apply various effects to the movies.

- QuickTime is required to play and edit movies on the Windows 2000 platform.
- Movies are saved as Motion JPEG AVI movies.

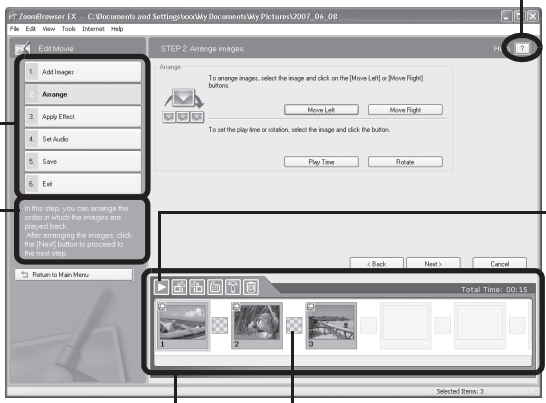
1 Click [Edit] in ZoomBrowser EX's Main Window, followed by [Edit Movie].

2 Click [1. Add Images] and select the image (movie or still) you wish to edit.
You can select multiple movies or stills.

3 Follow the steps at the left of the window to edit the movie and save it.

Follow these steps to proceed.

Click this button for detailed operational instructions.



Instructions

Click this button to play the movie being edited.

Storyboard Area
Displays thumbnails of the selected images.
Links images in order from left to right.

Transition Effects Box
Appears between adjacent images and displays the symbols of the transition effects linking images.

Operating the Shutter Remotely (Remote Shooting)

You can record still images by using a computer to control the shutter of a connected camera. This is particularly useful for checking images on the larger display of the computer as you record them and for high volume photography without worrying about filling the camera's memory card.

Remote Shooting can only be used with camera models listed as compatible with remote shooting in the *Specifications* section of the *Camera User Guide*.

Preparing for Remote Shooting

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal and place the camera in the correct mode for connecting.

Methods for connecting the camera to the computer and placing it in the correct mode for connecting vary between camera models. Please refer to the *Camera User Guide*.

2 Click [Cancel] (in Windows Vista) to close the Events Dialog if it appears.
If CameraWindow appears, click [Operate using this computer] followed by in the View Window.

CameraWindow

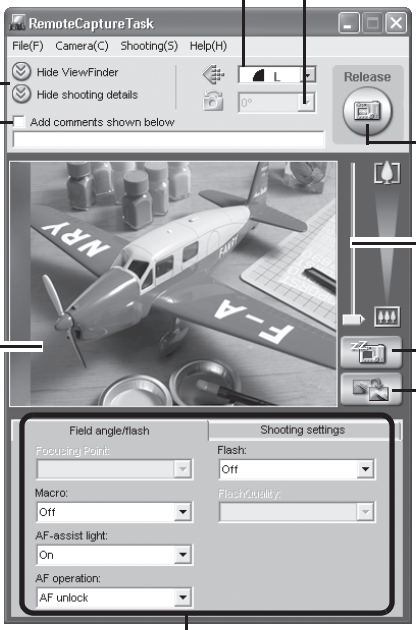
3 Open the lens cover or remove the lens cap on models equipped with them.
Proceed to the next step if your model does not have one.

4 In the [Start] menu, select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [RemoteCapture DC 3] and [RemoteCapture DC].

According to the default settings, recorded images are saved into the [Pictures] or [My Pictures] folder. To change the destination, open the [File] menu in the remote shooting window and select [Preferences].

Remote Shooting Window

The remote shooting window has the following features.



Shows/Hides the viewfinder or detailed settings area.

Size and Resolution Selector
Selects the size and resolution at which images are captured.

Rotation Settings
Sets the rotation parameters for images after they are captured.

You can add comments to images by placing a check mark here and typing text in the boxes below.

Release Button
Releases the shutter.

Slide this to zoom the camera in or out.

Viewfinder Display
Click the [Start/Stop Viewfinder] button while a connection to the camera is open to display the image appearing in the camera's viewfinder.

Start/Stop Viewfinder Button
Starts or stops the viewfinder display.

Refresh Button
Resets the exposure, focus and white balance.

Set the basic camera settings here.

The settings available in the remote shooting window vary between camera models.

Remote Shooting

Ensure that you turn off your computer's standby mode before you begin remote shooting. The device performance cannot be guaranteed if the computer enters the standby mode.

1 Click and check the subject in the viewfinder.

2 Change the image size or resolution, the rotation settings and the settings at the bottom of the window as required.

If you intend to hold the camera vertically to photograph a subject, you can save the image to the computer with the correct orientation if you set the rotation settings in advance.

If your camera is equipped with the Auto Rotate function and you set it to On, the image will automatically be rotated and appear in the correct viewing orientation in the remote shooting window when holding the camera vertically.

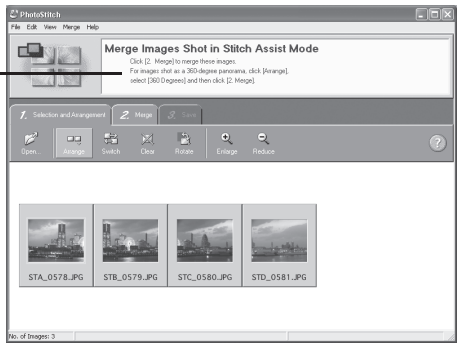
3 Click the [Release] button.

- You can release the shutter by pressing the camera's shutter button or the keyboard's space key.
- Other than the shutter button, the camera's buttons and switches, including the zoom, cannot be operated while the camera is being controlled with the Remote Shooting function.
- You may notice that the interval between the shutter release and activation is slightly longer for remote shooting than when the camera is used independently.

Merging Panoramic Images - PhotoStitch

You can create a wide panoramic image by merging images of a scene shot separately. PhotoStitch automatically detects the overlapping areas of adjacent images and corrects for the size and orientation. You can also manually specify the overlapping areas.

1. Click [Edit] in the ZoomBrowser EX's Main Window and click [Stitch Photos].
2. Click [1. Select Images] and select several images in the Browser Area.
3. Click [2. Open PhotoStitch].



4. Merge the images following the instructions in the guidance panel at the top of the PhotoStitch window.

Images Shot in Stitch Assist Mode

It is easy to merge images if they are shot with the camera's Stitch Assist mode because PhotoStitch can automatically detect the image order and orientation. The series of images are saved together in a single folder when they are downloaded from the camera.

- Some camera models may not support Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.
- Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Converting RAW Images

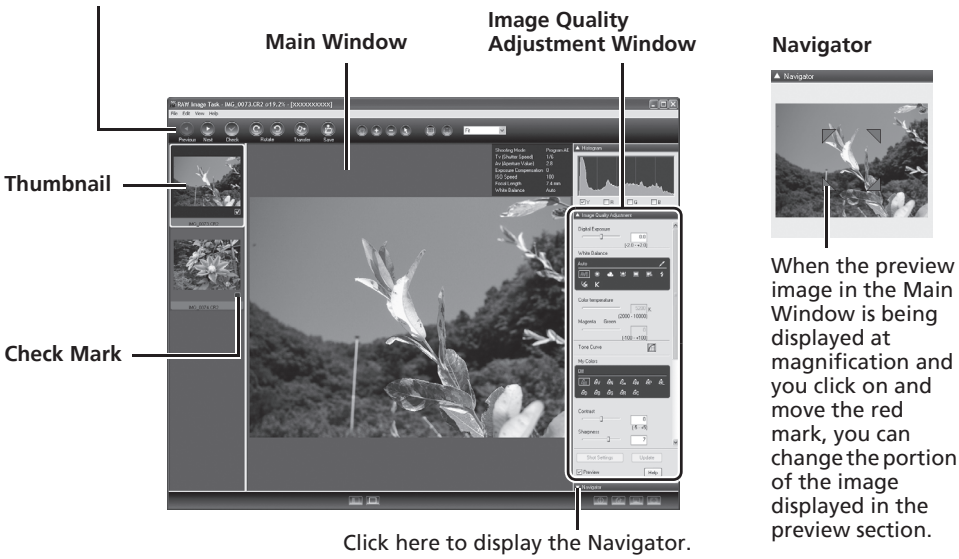
RAW images contain raw data that has not been subjected to any compression processing by the camera. In order to view the images on a computer, you must use ZoomBrowser EX to convert the RAW images into JPEG or TIFF images. If you use the Image Quality Adjustment Window, you can adjust the image to achieve the desired effect.

> The recording of RAW images can only be performed with camera models that list [RAW] as one of the compatible data types in the *Specifications* section of the *Camera User Guide*.

Procedures for Converting RAW Images

1 Select a RAW image in ZoomBrowser EX's Browser Area.

2 Click [Edit], followed by [Process RAW Images].
When the window showing the procedures for converting and adjusting RAW images appears, click [OK].
The Main Window, Navigator, and Image Quality Adjustment Window will display.


You can use this button to switch between images and set various conversion settings, such as the image rotation.
Main Window
Image Quality Adjustment Window
Navigator
Thumbnail
Check Mark
When the preview image in the Main Window is being displayed at magnification and you click on and move the red mark, you can change the portion of the image displayed in the preview section.
Click here to display the Navigator.

3 Adjust the image quality as required in the Image Quality Adjustment Window.
The features in this window are described in "Features of the Image Quality Adjustment Window." (p. 38)

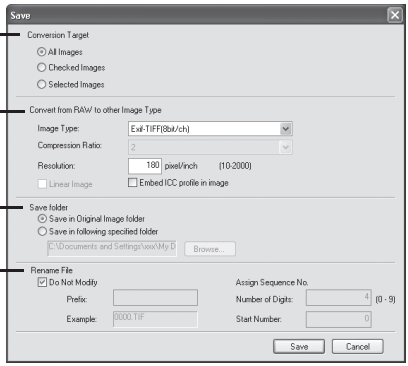
4 Click the (Save) button in the Main Window, set the image type and save destination, and then click [Save].

Selects images that will be saved with this setting.

Selects the image type and conversion method.

Set the destination folder for the file.

You can change the file name.



This completes the conversion.

5 Click in the Main Window.

Features of the Image Quality Adjustment Window

You can perform the following adjustments in the Image Quality Adjustment Window (the adjustable items will vary according to your camera model).

Adjusts the exposure compensation.

Adjusts the white balance by the light source or color temperature etc.

Adjusts the RGB channel settings together or individually.

Desired color tone can be selected.

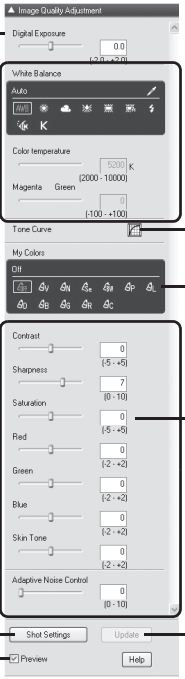
Adjusts the contrast and sharpness and reduces noise when necessary.

Enter a value here when you cannot set the desired value with the slider to the left.

Restores all adjustments to the initial shooting settings.

With a check mark here, settings changes in this window are immediately reflected in the image.

Settings will be applied to the currently displayed image.



Enjoy Customizing Your Camera with the My Camera Settings

My Camera functions are only available with camera models listed as compatible with My Camera functions in the *Specifications* section of the *Camera User Guide*.

The start-up image, start-up sound, shutter sound, operation sound, and self-timer sound are called the My Camera settings. You can add your favorite images and sounds from your computer to the My Camera settings. This topic explains how to upload the My Camera settings saved onto your computer to the camera and vice versa.

To register the My Camera settings with the camera, ensure that you install the software that came with the camera.

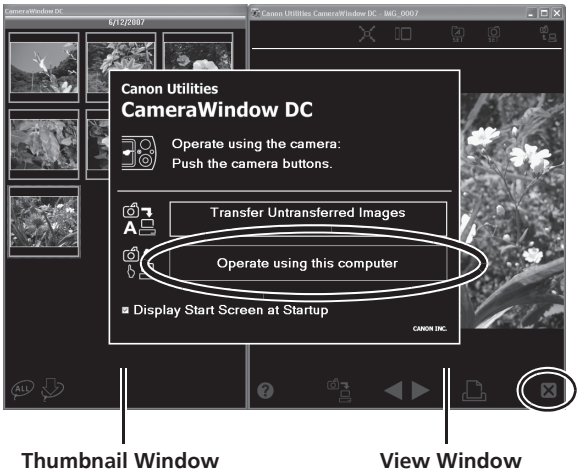
Displaying the My Camera Window

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal and place the camera in the correct mode for connecting.

Methods for connecting the camera to the computer and placing it in the correct mode for connecting vary between camera models. Please refer to the *Camera User Guide*.

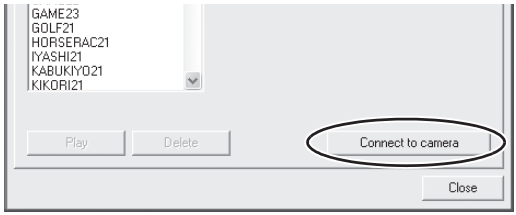
2 Click [Cancel] (in Windows Vista) to close the Events Dialog if it appears.
If CameraWindow appears, click [Operate using this computer] followed by in the View Window.

CameraWindow



3 In the [Start] menu, select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [MyCamera] and [MyCamera].

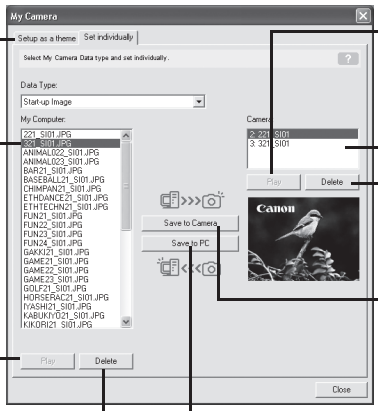
4 Click [Connect to camera].
The My Camera window showing images in the camera will display.



The My Camera Window Features

ZoomBrowser EX already contains several pre-recorded My Camera settings. You can check these items with the My Camera window.

Tabs
Click here to switch between adjusting the settings individually or in themed sets.



Computer
Displays the list of settings files saved onto the computer.

Play Button
Plays the audio from the settings file in the camera.

Camera
Displays the settings in the camera.

Delete Button
Deletes a settings file from the camera.

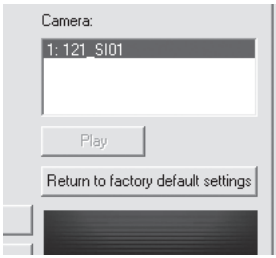
Play Button
Plays the audio from the selected settings file.

Save to Camera Button
Saves a computer settings file onto the camera.

Delete Button
Deletes a settings file from the computer.
The pre-recorded My Camera settings in ZoomBrowser EX cannot be deleted (Windows Vista only).

Save to PC Button
Saves a camera settings file onto the computer.

Depending on the camera, the [Return to factory default settings] button will display. Clicking this button will return the My Camera setting to the factory default setting.



Saving the My Camera Settings to the Camera

- My Camera settings can be selected and saved in either of two ways to the camera: individually or in theme sets.
- The “Animal” theme, for example, features an animal in the start-up image and animal calls in each of the sound files. The names of the prepared files for the various My Camera settings themes all begin with the same root name. The start-up image and sound files in the "Animal" theme, for example, all begin with "Animal~".

Do not detach the interface cable, turn the camera power off or do anything else that could disconnect the camera from the computer while the My Camera settings are being saved to the camera or the settings from the camera are being saved to the computer.

1. Select the [Setup as a theme] tab in the My Camera window.
   To set the start-up image or sound individually, click the [Set individually] tab and select it.
2. Select the settings file you wish to save to the camera from the My Computer list.
3. Select the setting from the Camera list that you would like to change and click [Save to Camera].
   If a setting for this category has previously been saved to the camera, press [OK] and it will be overwritten.

   Repeat steps 1-3 as required.
   To use this data on the camera, change the start-up image and sound settings on the camera itself. Please see the *Camera User Guide* for these instructions.

Saving the Camera’s My Camera Settings to the Computer

1. Select the [Setup as a theme] tab in the My Camera window.
   To set the start-up image or sound individually, click the [Set individually] tab and select it.
2. Select the settings files from the Camera list that you wish to save to the computer.
3. Click [Save to PC].
4. Add a name to the settings file you are saving and click [OK].
   This concludes the process of saving the My Camera settings to the computer.
   Repeat steps 1-4 as required.

Adding New Data to the My Camera Window

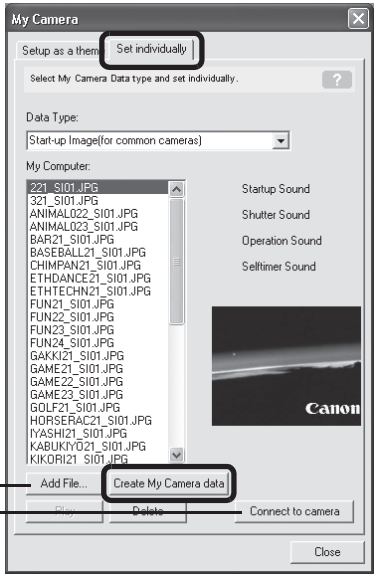
Create a new image or sound file and add it to the My Camera window.
• Adding Image and Sound Files After Creating Them

Adding Original Start-up Images and Sounds After Creating Them

You can effortlessly create start-up image and sound files using the "My Camera Maker" program.

1 In the [Start] menu, select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [MyCamera] and [MyCamera].
The My Camera window will display.

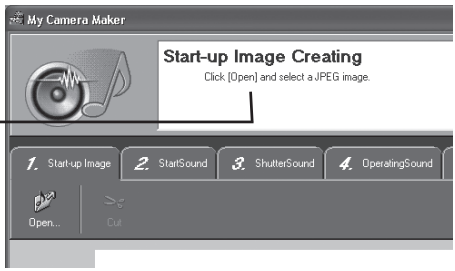
2 Click the [Set individually] tab in the My Camera window, followed by the [Create My Camera Data] button.
My Camera Maker will start.



Add File Button
Adds images and sound files for use as settings files. Added files display in the list.

Connect to camera Button
Connects to the camera.

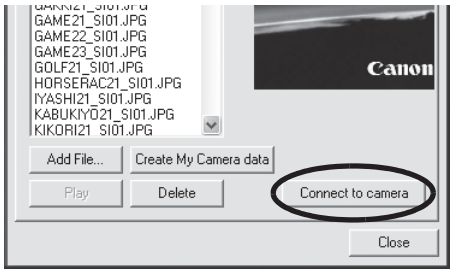
3 Follow the instructions at the top part of the My Camera Maker window and create image or sound files.



Instructions

4 Once you have saved the file, click ⊗ and close the My Camera Maker window.
You have now succeeded in adding the file as a settings file to the computer.

5 To connect to the camera, click [Connect to Camera].
You can add the settings files you just added to the computer to the camera using the same procedures as in *Saving the My Camera Settings to the Camera* (p. 42).



- Use settings like those below when creating an image file for the start-up image using an image editing program other than "My Camera Maker."
  Compression Method : JPEG (Baseline JPEG)
  Data Sampling : 4:2:0 or 4:2:2
  Pixels (w x h) : 320 x 240 pixels
- Use settings like those below when creating a sound file using a sound recording program other than "My Camera Maker."
  Compression Method : WAV (Monaural)
  Quantifying Bits : 8 bit
  Sampling Frequency : 11.025 kHz or 8.000 kHz

  Use the following lengths as guidelines for the length of sound file that can be saved to the camera.

Type	Duration in Seconds	
	11.025 kHz	8.000 kHz
Start-Up Sound	1.0 sec. or less	1.3 sec. or less
Shutter Sound	0.3 sec. or less	0.4 sec. or less
Operation Sound	0.3 sec. or less	0.4 sec. or less
Self-Timer Sound	2.0 sec. or less	2.0 sec. or less

Using the Software on the Macintosh Platform – Preparations

This chapter explains the basic procedures for installing the software. Read this material before you connect the camera to the computer for the first time.

Installing the Software

Start by installing the software from the Canon Digital Camera Solution Disk.

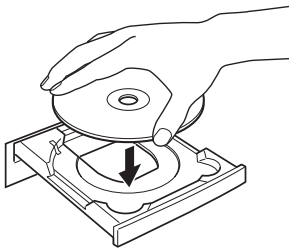
Items to Prepare

- Your camera and computer
- Canon Digital Camera Solution Disk
- Interface cable supplied with the camera

Installation Procedures

1 Close any programs that are running.

2 Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.



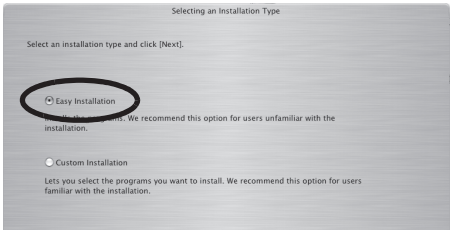
3 Double-click the [Canon Digital Camera Installer] icon

in the CD-ROM window.

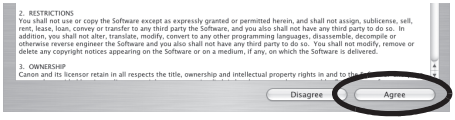
4 Click the Digital Camera Software [Install] button.

5 Select [Easy Installation] and click [Next].

Select [Custom Installation] to select programs individually for installation.

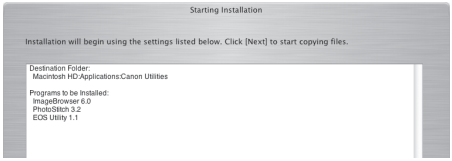

Selecting an Installation Type
Select an installation type and click [Next].
Easy Installation
installation.
Custom Installation
Lets you select the programs you want to install. We recommend this option for users familiar with the installation.

6 Click [Agree] if you agree to all of the terms of the software license agreement.


2. RESTRICTIONS
You shall not use or copy the Software except as expressly granted or permitted herein, and shall not assign, sublicense, sell, rent, lease, loan, convey or transfer to any third party the Software, and you also shall not have any third party to do so. In addition, you shall not alter, translate, modify, convert to any other programming languages, disassemble, decompile or otherwise reverse engineer the Software and you also shall not have any third party to do so. You shall not modify, remove or delete any copyright notices appearing on the Software or on a medium, if any, on which the Software is delivered.
3. OWNERSHIP
Canon and its licensor retain in all respects the title, ownership and intellectual property rights in and to the
Disagree
Agree

7 Review the installation settings and click [Next].

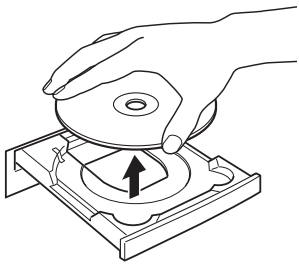
Follow the on-screen instructions to proceed with the installation.


Starting Installation
Installation will begin using the settings listed below. Click [Next] to start copying files.
Destination Folder:
Macintosh HD:Applications:Canon Utilities
Programs to be Installed:
ImageBrowser 6.0
PhotoStitch 3.2
EOS Utility 1.1

8 When the installation is over, click [Finish].

9 Click [Exit] in the installer panel and remove the disk from the CD-ROM drive.

This concludes the software installation.



See *Uninstalling the Software* (p. 75) to delete the software installed with these procedures.

Continue by downloading images to the computer (p. 47).

Using the Software on the Macintosh Platform – The Basics

This chapter explains the procedures for using ImageBrowser to download the camera's images to the computer and print them.
Read this chapter after completing the preparations in the *Using the Software on the Macintosh Platform – Preparations* section.

Downloading Images to the Computer

Begin by downloading the images to your computer. The downloading procedure is slightly different according to whether you are using a camera to computer connection (see below) or a memory card reader (p. 50).

You may not be able to download images when the camera is connected to a computer if there are a large number of images (approximately 1000) on the memory card. Use a memory card reader to download in that case.

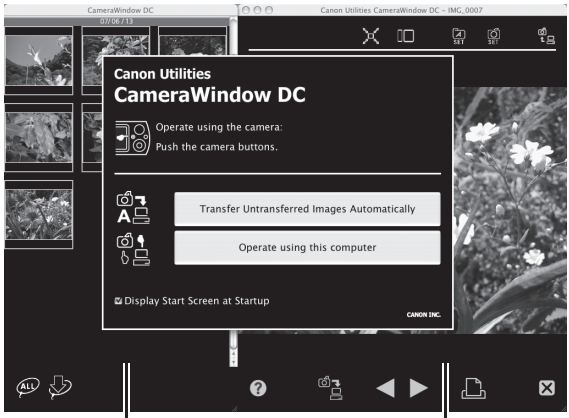
Camera to Computer Connection

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL Terminal. Prepare the camera for communication with the computer.

Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

CameraWindow displays when the camera and computer are set to the mode to communicate. (Images are not downloaded at this point.)

CameraWindow



If CameraWindow does not open, click the [CameraWindow] icon in the Dock (the bar at the bottom of the desktop).

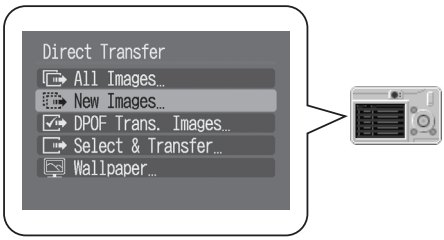
2 Download the images using the camera or the computer.
By default, the downloaded images are saved into the [Pictures] folder.

Using the Camera to Download Images (Direct Transfer Function)

Download images using the camera's Direct Transfer function.

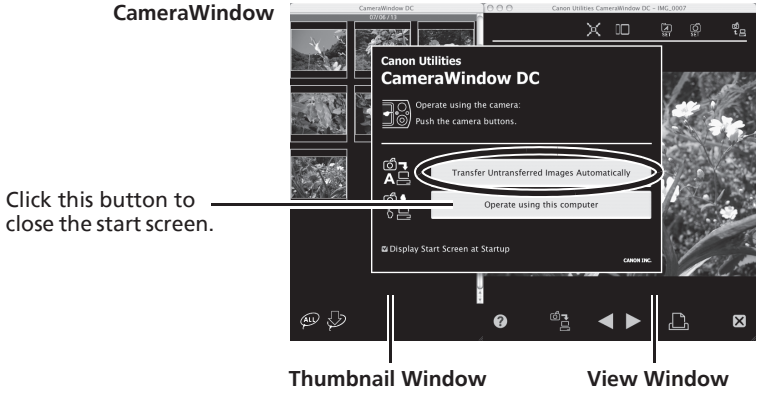
- If the conditions are right for the Direct Transfer function, the Direct Transfer settings menu will appear on the LCD monitor and the (Print/Share) button will light .
- See the *Camera User Guide* for instructions regarding Direct Transfer settings and procedures.

Set the Direct Transfer settings on the camera and press the (Print/Share) button or the FUNC./SET button.



Using the Computer to Download Images

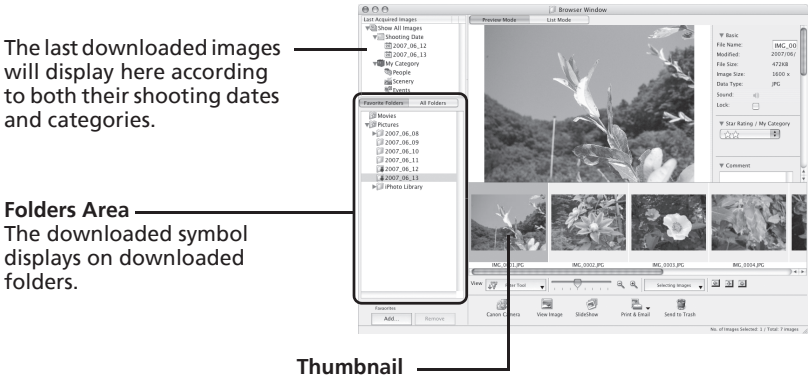
Click [Transfer Untransferred Images Automatically].



- To download images that have had transfer settings set with the camera, use a camera operation or a memory card reader.
- To check images in the camera or to download only a portion of the images, click [Operate using this computer].
- You can also click in the View Window to upload to the camera images that were downloaded to the computer.

When you click [OK] in the image transfer completion window, the transferred images will display in the Main Window.

The downloaded images are saved into folders according to the shooting date.


The last downloaded images will display here according to both their shooting dates and categories.
Folders Area
The downloaded symbol displays on downloaded folders.
Thumbnail

Next, print out the images (p. 51).

Memory Card Reader Connection

1 Insert the memory card into the reader.

Use a separately sold card adapter if required.
See the manual for the memory card reader for details on how to connect and use the reader.

2 Click [Download Images].

You can adjust the settings, such as the type of image downloaded and the destination folder, by clicking [Preferences].

If the window above does not open, click the [CameraWindow] icon in the Dock (the bar at the bottom of the desktop).

- By the default settings, all images are downloaded to the [Pictures] folder.
- To download images that have had their transfer settings set with the camera, click [Preferences] and select [Images whose transfer settings were specified with the camera] as the image type to be downloaded.
- Click [Lets you select and download images] to show the memory card images in a list, check the images before downloading and download only selected images.
- See *Memory Card Folder Structure* (p. 78) for information about memory card folder structures and file names.

The downloaded images are saved into folders according to the shooting date.

At the same time they will also appear grouped by date or *My Category* in the [Last Acquired Images] section.

Next, print out the images (p. 51).

Printing Images

There are three methods for using ImageBrowser to print images: [Photo Print], [Index Print] and [Print Using Other Software]. This section explains how to use the [Photo Print] option.

Movies cannot be printed, but you can print stills after they have been extracted from movies and saved to files.

Photo Print

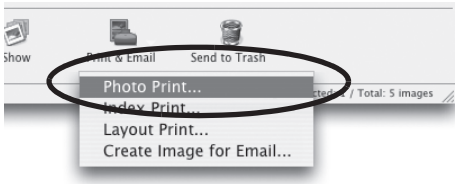
Prints one image on each page.

1 Select the images to print.

Clicking on an image selects it and displays a blue frame around it. To select multiple images, hold down the [shift] or [⌘] (command) key while clicking on images.

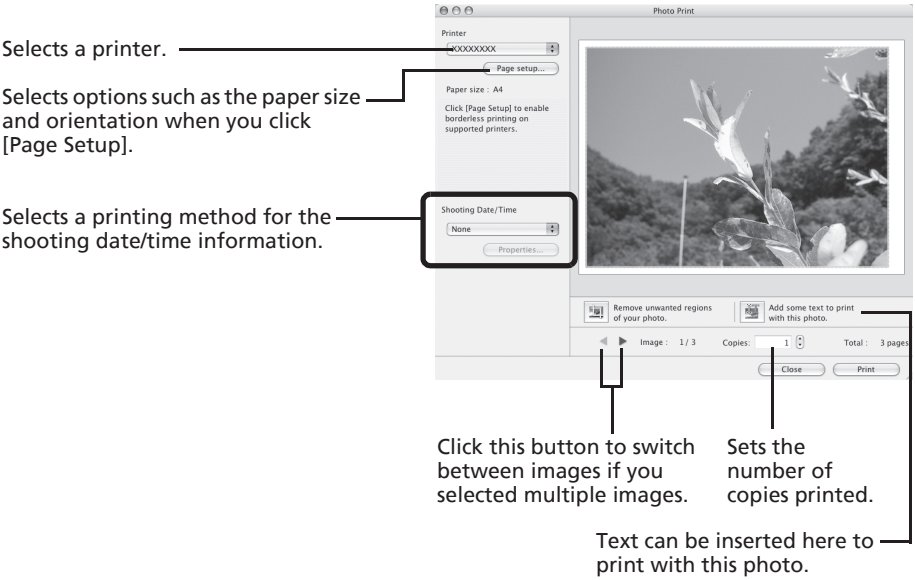
A blue frame displays around selected images.

2 Click [Print & Email] and select [Photo Print].



Selecting [Index Print] allows you to print the thumbnails and shooting information in a chart.
Selecting [Layout Print] allows you to layout and print multiple images on a single sheet of paper.

3 Set the categories as you feel necessary.


Selects a printer.
Selects options such as the paper size and orientation when you click [Page Setup].
Selects a printing method for the shooting date/time information.
Photo Print
Printer
XXXXXXX
Page setup...
Paper size : A4
Click [Page Setup] to enable borderless printing on supported printers.
Shooting Date/Time
None
Properties...
Remove unwanted regions of your photo.
Add some text to print with this photo.
Image : 1 / 3
Copies: 1
Total : 3 pages
Close
Print
Click this button to switch between images if you selected multiple images.
Sets the number of copies printed.
Text can be inserted here to print with this photo.

4 Click [Print].
The Print window will now open.

5 After setting the number of copies, and other settings, click [Print].

6 After the printing finishes, click [Close] to close the window.

This chapter explained the ImageBrowser basics.

Once you have mastered them, try the advanced techniques.
Using the Software on the Macintosh Platform — Advanced Techniques (p. 53).

Using the Software on the Macintosh Platform – Advanced Techniques

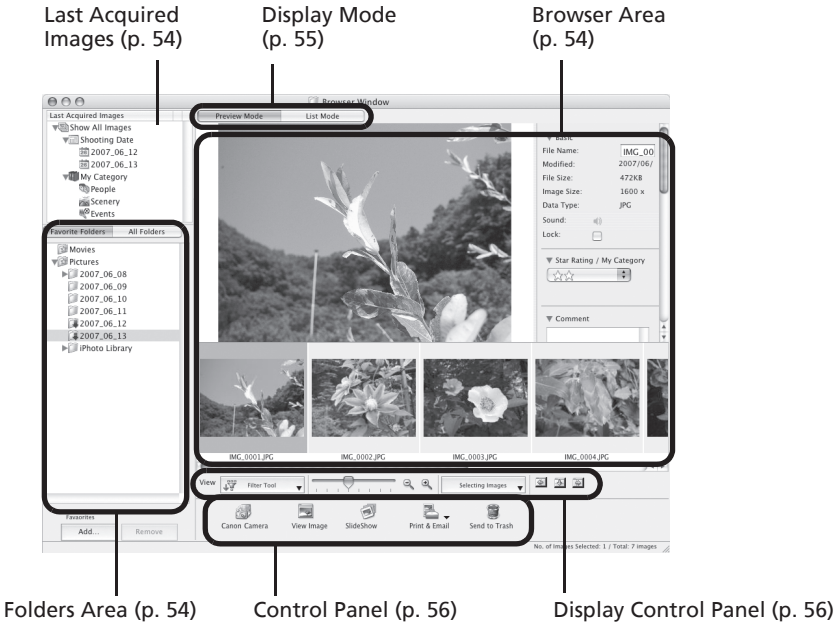
This chapter explains various ImageBrowser features.
Proceed to this chapter once you have mastered the basic ImageBrowser procedures in the *Using the Software on the Macintosh Platform – The Basics* chapter.

The ImageBrowser Windows

This section describes the principal ImageBrowser windows: the Browser Window, Viewer Window and File Information Window.

Browser Window

This window is for displaying and organizing images downloaded to the computer.



Folders Area

- Use this area to select folders. The selected folders and the images within the selected folders display in the Browser Area.
- If you selected Favorite Folders, only the folders registered in advance as Favorite Folders will display. You are recommended to register a folder that you use frequently as one of the Favorite Folders. If you selected All Folders, all the folders will display.

> Methods for Registering a Favorite Folder
> - If [Favorite Folders] is displayed: click [Add] and select a folder.
> - If [All Folders] is displayed: select a folder and click [Add to Favorites].

Last Acquired Images

- You can check images grouped according to the shooting date or My Category.

Browser Area

- The folders and the images within the folders selected in the Last Acquired Images section or Folders Area display here.
  The display style will vary according to your Display Mode selection.
- The following types of icon will display around images according to their attributes.

Images shot with the camera's Stitch Assist mode

RAW images

Movies

Images with sound memo attachments

Protected images

Images shot with the camera's AEB function

Rotated Images (In display only)

Display Mode

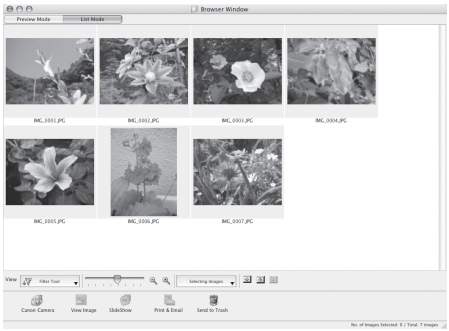
• Selects the display style for the Browser Area.

Preview Mode

This mode displays the image at a larger size as well as the image information.

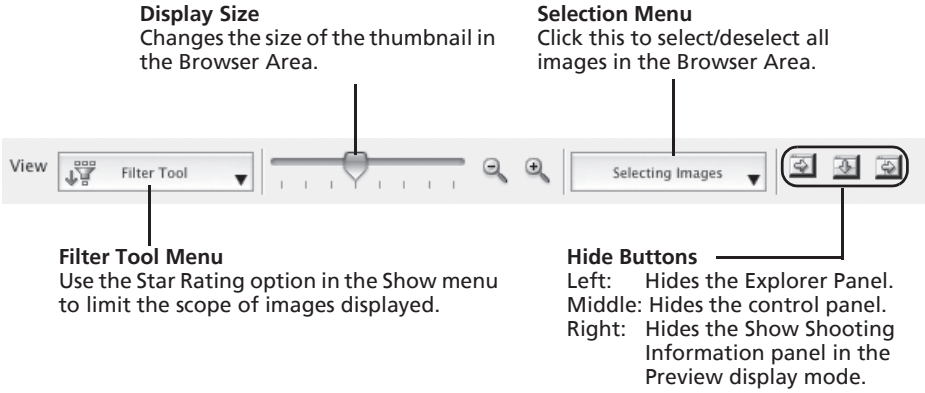
List Mode

Displays the images in the folder selected in the Explorer Panel section in rows and columns.



Display Control Panel

• This panel adjusts the display settings for the Browser Area.


Display Size
Changes the size of the thumbnail in the Browser Area.
Selection Menu
Click this to select/deselect all images in the Browser Area.
View
Filter Tool
Selecting Images
Filter Tool Menu
Use the Star Rating option in the Show menu to limit the scope of images displayed.
Hide Buttons
Left: Hides the Explorer Panel.
Middle: Hides the control panel.
Right: Hides the Show Shooting Information panel in the Preview display mode.

Control Panel

• The control panel contains buttons for executing various functions.

The functions displayed here are explained in the *Control Panel Features* section (p. 60).

Viewer Window

Double-click an image in the Browser Area to display it in the Viewer Window.

Zoom
Changes the image zoom setting.

Star Ratings Menu
Sets the Star Rating for an image.

Image Selector Button
Switches between images.

Show Information Menu
Displays shooting information.

Save Button
Saves the edited image.

Print Button
Prints the displayed image.

Edit Menu
You can edit, eliminating red eyes, adjusting colors and brightness, cropping and inputting titles.
You can also use it to start up other programs for editing.

Full Screen Button
Displays the image in the full screen mode. (You can also double-click an image to display it in full screen mode). Click the image or press any key on the keyboard to restore the normal display mode.

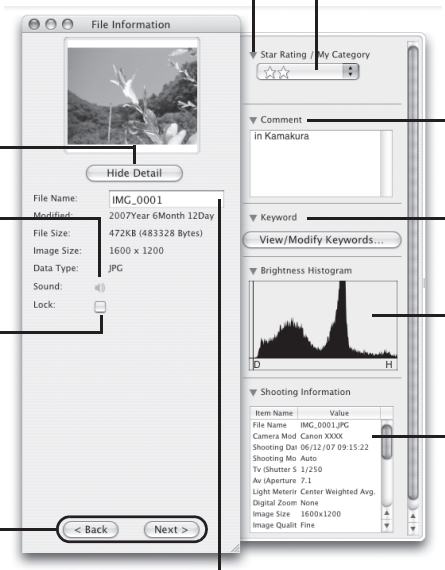
Number of Displays Menu
Displays multiple images at once. This is handy for comparing images.

Synchronize Button
Synchronizes the display settings when multiple images are displayed.

- **RAW Image is Displayed**
  The [Display Original Image] button displays beneath the image. Clicking this button displays the converted image in the Viewer Window.
- **Movie is Displayed**
  Buttons will appear below the movie, allowing it to be played back or the sound adjusted. If you click the [Save as Still] button, you can extract still images from movies.
- With some versions of the Mac OS and QuickTime, a [Replay with QuickTime] button may appear below the movie. In that case, click this button to play the movie.

File Information Window

The File Information Window displays when you select an image in the Browser Area, click the [File] menu and select [Get Info]. The File Information Window does not display in the Preview display mode.



Switches between showing and hiding detailed information for the category.

Switches between showing and hiding detailed information.

Plays a sound memo attached to an image.

Lock
Prevents an image from being overwritten or deleted.

Star Rating and My Category
Sets the rating for an image.
An icon will display if a My Category is set.

Comment
You can type a comment here.

Keyword
Sets the keywords used in searches.

Brightness Histogram
A graph of the highlights and shadows distribution in an image.

Shooting Information
Displays detailed information, such as the shutter speed and exposure compensation setting. The camera model will determine what information is displayed.

Image Selector Buttons
When multiple images are selected, you can switch between images that display information in the File Information Window.

File Name
You can change file names.

ImageBrowser Features

This section provides a brief introduction to ImageBrowser features.

> Some ImageBrowser functions may not be available with certain camera models. Check the *Specifications* section of your *Camera User Guide* to see if your model supports them.

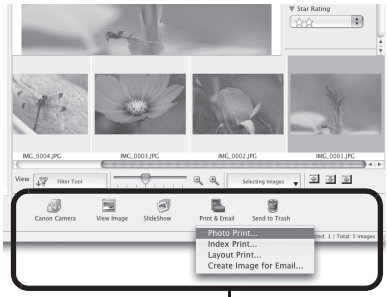
Workflow

The following workflow is used in ImageBrowser.

1 Select a feature from the Control Panel or the menu.

Check the Help menu for procedures and features.

Menu



Control Panel

2 Perform the procedures according to the instructions.

Procedural instructions

Control Panel Features

Canon Camera

Opens CameraWindow, which lets you perform the following operations.

- **Acquire Images**
  Downloads images and sound file from the camera (p. 47, 50).
- **Print**
  Selects and prints the images in a camera.
- **Write to Camera**
  Uploads images on the computer to the camera.
- **Set to Camera**
  Sets the camera owner's name.

View Image

Displays the selected image or movie in the Viewer Window.

SlideShow

Starts a slide show of the selected images. Click the [View] menu and select [Slide Show Options] to set the slide show settings.

Print & Email

Photo Print
Prints one image per page (p. 51).
You can print "photos" easily.

Index Print
Lines up small versions of the images in rows and prints.

Layout Print
Allows you to freely arrange multiple images on a single page and print. You can also insert captions and titles.

Create Image for Email
Converts the selected images to the appropriate size for transmission by e-mail. You can also use it to automatically start an e-mail program after conversion.

Send to Trash

Sends the selected images or folders to the Trash.

Functions Selected from Menus

Search Images: [File] menu, [Search]

Searches for images based on such criteria as Star Ratings, dates, keywords or captions.

Export Images: [File] menu, [Export Images]

- Edit and Save: allows you to change the file type or size and export the file.
- Export Shooting Properties: allows you to export the shooting properties as a text file.
- Export as a Screensaver: Exports the image as a screen saver file.
- Export an Image as Wallpaper: Exports the image as a wallpaper file.

Organize Images: [File] menu, [Organize Image]

- Sort Images: sorts images according to criteria such as the shooting date or Star Rating and saves them into a specified folder.
- Rename: changes the files names of multiple images in a single pass.

Convert RAW Images: [File] menu, [RAW image processing]

Converts RAW images into JPEG or TIFF images. You can adjust the image brightness, contrast and color balance among other attributes during conversion.

Merge Panoramas: [Edit] menu, [PhotoStitch]

Merges multiple images and creates a single large panoramic image (p. 67).

Edit Movies: [Edit] menu, [Movie Edit]

Edits movies or still images strung together. You can add titles or background music and apply various effects (p. 63).

Extracting Stills from Movies: [Edit] menu, [Extract frames from a movie]

Extracts still images from movies over a specified interval and saves them as image files.

Display Settings: [View] menu, [View Settings]

Hides or shows image information beneath the thumbnail, such as the file name or the shooting date and time.

Sort Images: [View] menu, [Sort]

Arranges image order in the Browser Area according to criteria such as the filename, file modification date, file size or shooting date.

Other Features

ImageBrowser has the following features as well.

[My Camera Settings]

You can set the camera's start-up image or shutter sound (p. 70).

[Remote Shooting]

You can shoot and operate the camera from a computer (p. 64).

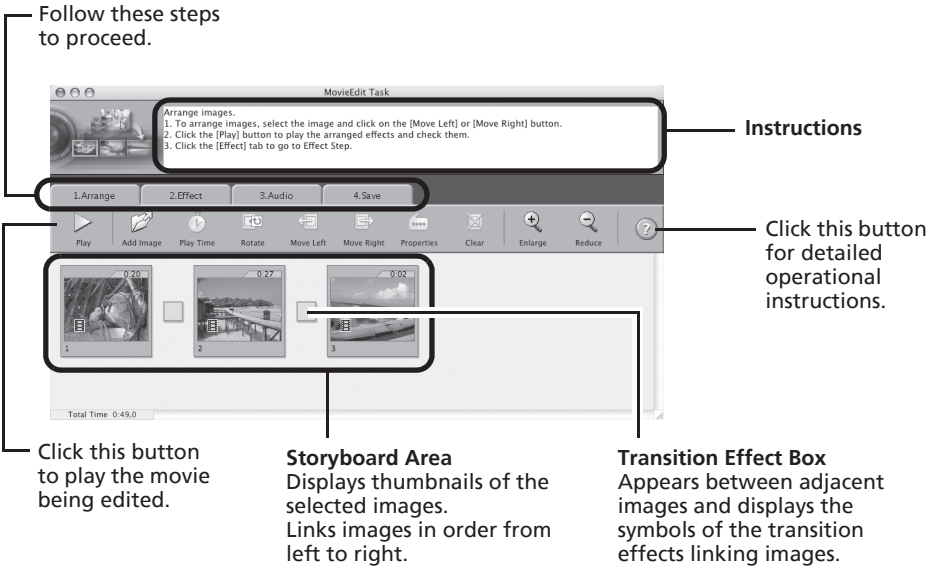
Editing Movies

You can create and edit movies: link movies and stills that have been downloaded to your computer, add background music, superimpose titles and other text, and apply various effects to the movies.

1 Select the image(s) to edit in ImageBrowser's Browser Area (movies or stills).
You can select multiple movies or stills.

2 Click the [Edit] menu and select [Movie Edit].

3 Follow the steps displayed in the middle of the window to edit the movie and save it.


Follow these steps to proceed.
MovieEdit Task
Arrange images.
1. To arrange images, select the image and click on the [Move Left] or [Move Right] button.
2. Click the [Play] button to play the arranged effects and check them.
3. Click the [Effect] tab to go to Effect Step.
Instructions
1.Arrange
2.Effect
3.Audio
4.Save
Play
Add Image
Play Time
Rotate
Move Left
Move Right
Properties
Clear
Enlarge
Reduce
Click this button for detailed operational instructions.
Total Time 0:49.0
Click this button to play the movie being edited.
Storyboard Area
Displays thumbnails of the selected images.
Links images in order from left to right.
Transition Effect Box
Appears between adjacent images and displays the symbols of the transition effects linking images.

Operating the Shutter Remotely (Remote Shooting)

You can record still images by using a computer to control the shutter of a connected camera. This is particularly useful for checking images on the larger display of the computer as you record them and for high volume photography without worrying about filling the camera's memory card.

Remote Shooting can only be used with camera models listed as compatible with remote shooting in the *Specifications* section of the *Camera User Guide*.

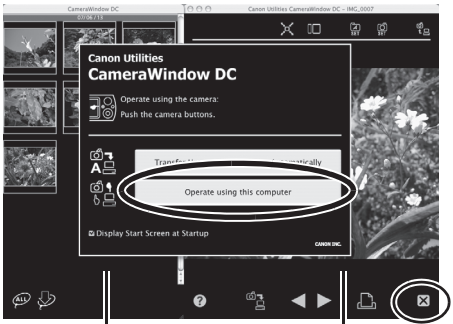
Preparing for Remote Shooting

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal and place the camera in the correct mode for connecting.

Methods for connecting the camera to the computer and placing it in the correct mode for connecting vary between camera models. Please refer to the *Camera User Guide*.

2 If CameraWindow appears, click [Operate using this computer] followed by ☒ in the View Window.

CameraWindow



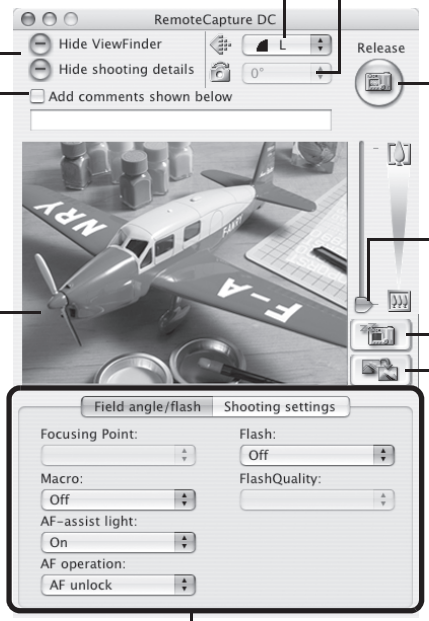
3 Open the lens cover or remove the lens cap on models equipped with them.
Proceed to the next step if your model does not have one.

4 Double-click the [Applications] folder, followed by the [Canon Utilities] folder, [CameraWindow] folder and the [RemoteCapture DC] icon.

According to the default settings, recorded images are saved into the [Pictures] folder. To change the destination, select [Preferences] from the [RemoteCapture DC] menu.

Remote Shooting Window

The remote shooting window has the following features.



Shows/Hides the viewfinder or detailed settings area.

Size and Resolution Selector
Selects the size and resolution at which images are captured.

Rotation Settings
Sets the rotation parameters for images after they are captured.

You can add comments to images by placing a check mark here and typing text in the boxes below.

Release Button
Releases the shutter.

Slide this to zoom the camera in or out.

Viewfinder Display
Click the [Start/Stop Viewfinder] button while a connection to the camera is open to display the image appearing in the camera's viewfinder.

Start/Stop Viewfinder Button
Starts or stops the viewfinder display.

Refresh Button
Resets the exposure, focus and white balance.

Set the camera shooting settings here.

The settings available in the remote shooting window vary between camera models.

Remote Shooting

Ensure that you turn off your computer's sleep mode before you begin remote shooting. The device performance cannot be guaranteed if the computer enters the sleep mode.

1 Click and check the subject in the viewfinder.

2 Change the image size or resolution, the rotation settings and the settings at the bottom of the window as required.

If you intend to hold the camera vertically to photograph a subject, you can save the image to the computer with the correct orientation if you set the rotation settings in advance.

If your camera is equipped with the Auto Rotate function and you set it to On, the image will automatically be rotated and appear in the correct viewing orientation in the remote shooting window when holding the cameras vertically.

3 Click the [Release] button.

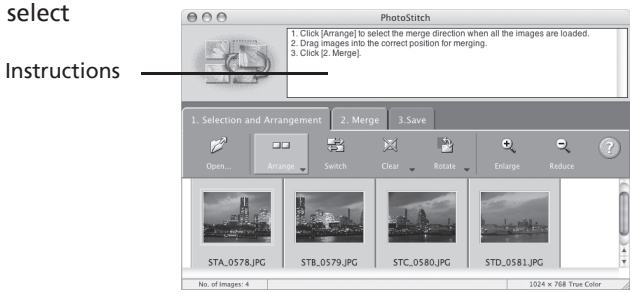
- You can also release the shutter by pressing the camera's shutter button or the keyboard's space key.
- Other than the shutter button, the camera's buttons and switches, including the zoom, cannot be operated while the camera is being controlled with the Remote Shooting function.
- You may notice that the interval between the shutter release and activation is slightly longer for remote shooting than when the camera is used independently.

Merging Panoramic Images - PhotoStitch

You can create a wide panoramic image by merging images of a scene shot separately. PhotoStitch automatically detects the overlapping areas of adjacent images and corrects for the size and orientation. You can also manually specify the overlapping areas.

1 Select a series of images in the ImageBrowser's Browser Area.

2 Click the [Edit] menu and select [PhotoStitch].



3 Merge the images following the instructions in the guidance panel at the top of the PhotoStitch window.

Images Shot in Stitch Assist Mode

It is easy to merge images if they are shot with the camera's Stitch Assist mode because PhotoStitch can automatically detect the image order and orientation. The series of images are saved together in a single folder when they are downloaded from the camera.

- Some camera models may not support Stitch Assist mode.
- See the *Camera User Guide* for information about shooting in Stitch Assist mode.
- Images shot in Stitch Assist mode with a wide converter, teleconverter or close-up lens cannot be merged accurately.

Converting RAW Images

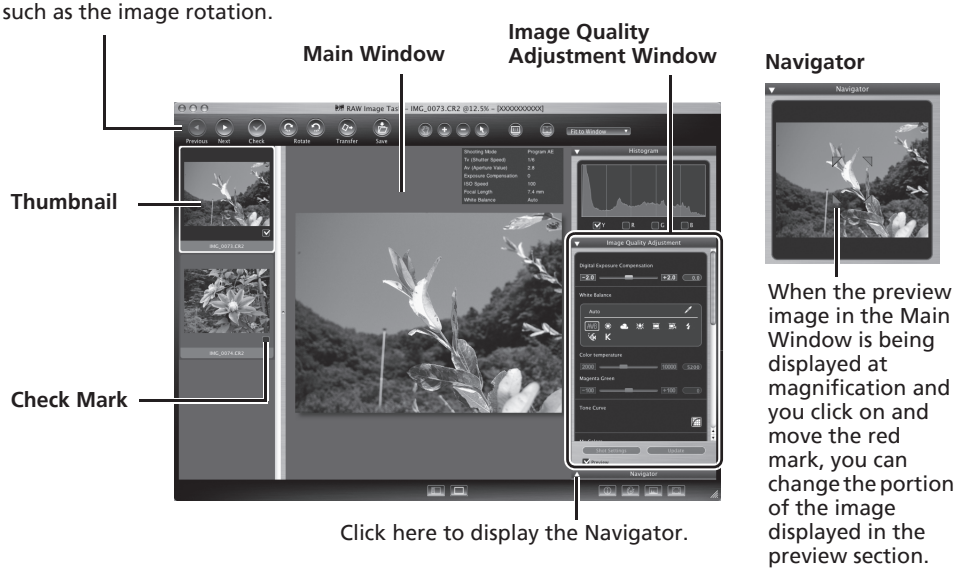
RAW images contain raw data that has not been subjected to any compression processing by the camera. In order to view the images on a computer, you must use ImageBrowser to convert the RAW images into JPEG or TIFF images. If you use the Image Quality Adjustment Window, you can adjust the image to achieve the desired effect.

> The recording of RAW images can only be performed with camera models that list [RAW] as one of the compatible data types in the *Specifications* section of the *Camera User Guide*.

Procedures for Converting RAW Images

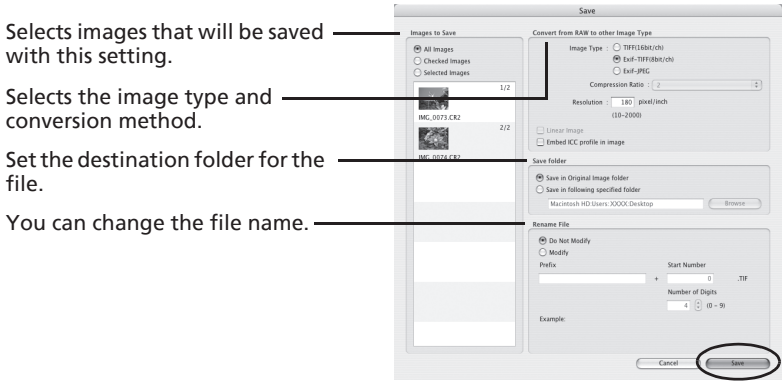
1 Select a RAW image in ImageBrowser's Browser Area.

2 Click [File] menu, followed by [Process RAW Images].
When the window showing the procedures for converting and adjusting RAW images appears, click [OK].
The Main Window, Navigator, and Image Quality Adjustment Window will display.


You can use this button to switch between images and set various conversion settings, such as the image rotation.
Main Window
Image Quality Adjustment Window
Navigator
Thumbnail
Check Mark
When the preview image in the Main Window is being displayed at magnification and you click on and move the red mark, you can change the portion of the image displayed in the preview section.
Click here to display the Navigator.

3 Adjust the image quality as required in the Image Quality Adjustment Window.
The features in this window are described in "Features of the Image Quality Adjustment Window." (p. 69)

4 Click the (Save) button in the Main Window, set the image type and save destination, and then click [Save].

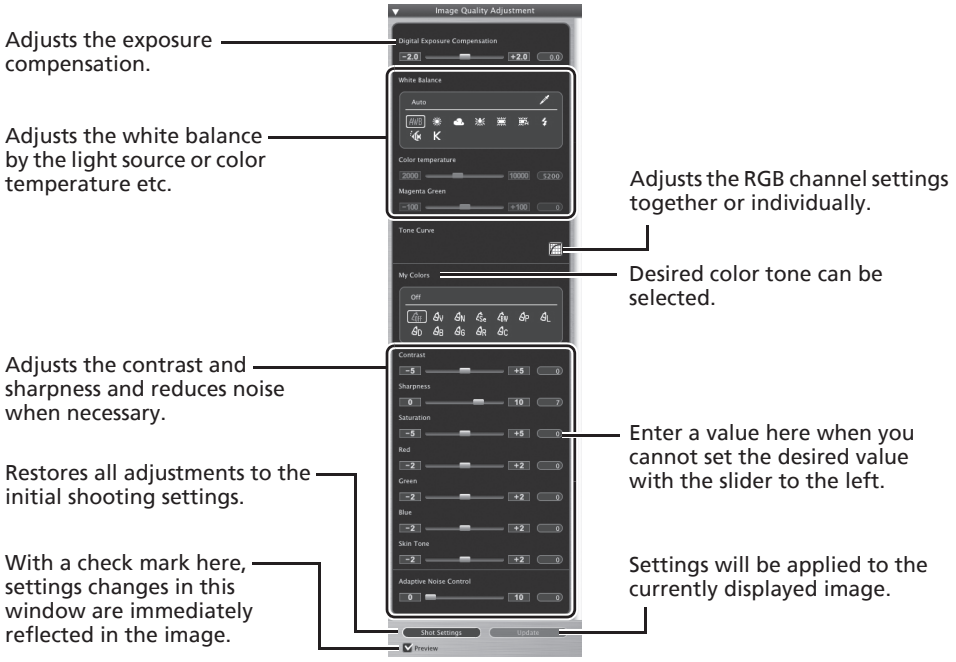


This completes the conversion.

5 Click in the Main Window.

Features of the Image Quality Adjustment Window

You can perform the following adjustments in the Image Quality Adjustment Window (the adjustable items will vary according to your camera model).


Adjusts the exposure compensation.
Adjusts the white balance by the light source or color temperature etc.
Adjusts the RGB channel settings together or individually.
Desired color tone can be selected.
Adjusts the contrast and sharpness and reduces noise when necessary.
Enter a value here when you cannot set the desired value with the slider to the left.
Restores all adjustments to the initial shooting settings.
With a check mark here, settings changes in this window are immediately reflected in the image.
Settings will be applied to the currently displayed image.
Image Quality Adjustment
Digital Exposure Compensation
White Balance
Auto
Color temperature
Magenta Green
Tone Curve
My Colors
Off
Contrast
Sharpness
Saturation
Red
Green
Blue
Skin Tone
Adaptive Noise Control
Shot Settings
Update
Preview

Enjoy Customizing Your Camera with the My Camera Settings

My Camera functions can are only available with camera models listed as compatible with My Camera functions in the *Specifications* section of the *Camera User Guide*.

The start-up image, start-up sound, shutter sound, operation sound, and self-timer sound are called the My Camera settings. You can add your favorite images and sounds from your computer to the My Camera settings. This topic explains how to upload the My Camera settings saved onto your computer to the camera and vice versa.

To register the My Camera settings with the camera, ensure that you install the software that came with the camera.

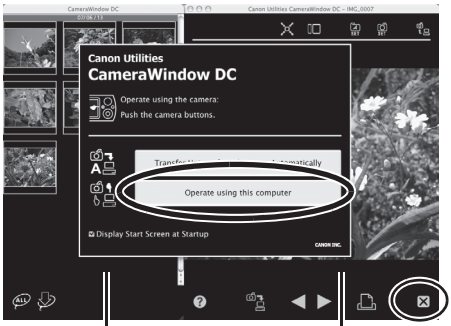
Displaying the My Camera Window

1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL terminal and place the camera in the correct mode for connecting.

Procedures for attaching the camera to the computer and placing it in the correct mode for connecting vary between camera models. See the *Camera User Guide*.

2 If CameraWindow appears, click [Operate using this computer] followed by ☒ in the View Window.

CameraWindow

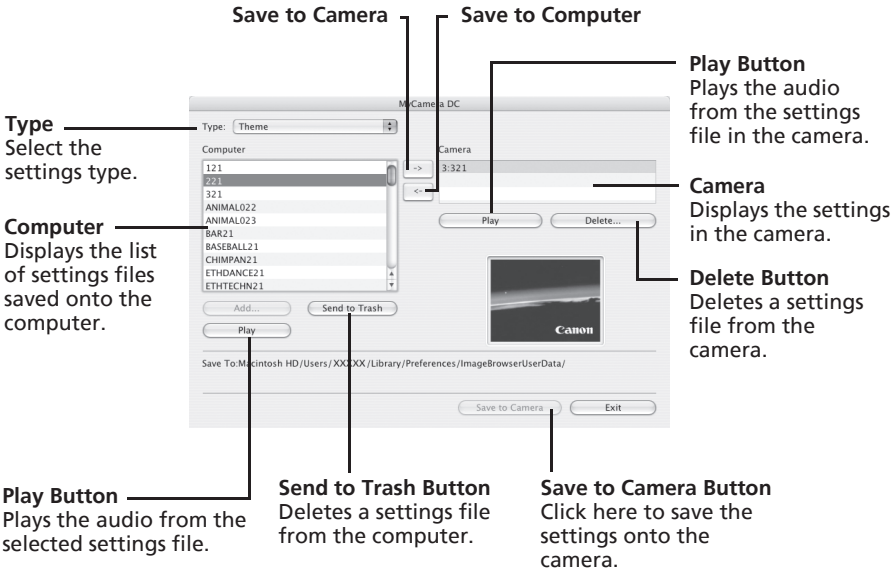


Thumbnail Window **View Window**

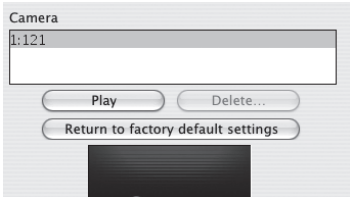
3 Double-click the [Applications] folder, followed by the [Canon Utilities] folder, [CameraWindow] folder and the [MyCamera DC] icon.
The My Camera window will display.

The My Camera Window

ImageBrowser already contains several pre-recorded My Camera settings. You can check these items with the My Camera window.



Depending on the camera, the [Return to factory default settings] button will display. Clicking this button will return the My Camera setting to the factory default setting.



Saving the My Camera Settings to the Camera

- My Camera settings can be selected and saved in either of two ways to the camera: individually or in theme sets.
- The “Animal” theme, for example, features an animal in the start-up image and animal calls in each of the sound files. The names of the prepared files for the various My Camera settings themes all begin with the same root name. The start-up image and sound files in the "Animal" theme, for example, all begin with “Animal~”.

Do not detach the interface cable, turn the camera power off or do anything else that could disconnect the camera from the computer while the My Camera settings are being saved to the camera or the settings from the camera are being saved to the computer.

1. Select the type of setting in the Type list box that you wish to save to the camera.
2. Select the setting from the Computer list that you would like to add.
3. Select the setting in the Camera list that you would like to change and click the -> button.
   If a setting for this category has previously been saved to the camera, press [OK] and it will be overwritten.
   Repeat steps 1-3 as required.
4. Click the [Save to Camera] button.
   Click [OK] to conclude the process of saving the *My Camera* settings to the camera. To use this data on the camera, change the start-up image and sound settings on the camera itself. Please see the *Camera User Guide* for these instructions.

Saving the Camera’s My Camera Settings to the Computer

1. Select the type of setting you wish to save to the computer from the Type list box.
2. Select the setting in the Camera list that you wish to save to the computer.
3. Click the <- button.
4. Input a file name to the selected setting and click the [OK] button.
   This concludes the process of saving the My Camera settings to the computer.
   Repeat steps 1-4 as required.

Adding New Data to the My Camera Window

Create a new image or sound file and add it to the My Camera window.
• Adding Image and Sound Files After Creating Them

Create an Original Start-up Image File and then Add It

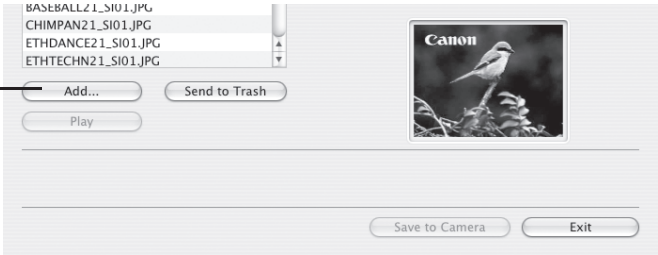
Start by using an image editing program to create the image file that will become the start-up image and save it to the computer.

1 Double-click the [Applications] folder, followed by the [Canon Utilities] folder, [CameraWindow] folder and the [MyCamera DC] icon.
The My Camera window will display.

2 Select the [Start-up Image] in Type.

3 Click [Add].

Add Button
Adds images and sound files for use as settings files. Added files display in the list.



4 Select the file you created and click [Open].
This concludes the process for adding new data.

You can add the settings files you just added to the computer to the camera using the same procedures as in *Saving the My Camera Settings to the Camera* (p. 72).

Add an Original Sound File

Change the file to a WAV sound file after you have copied the sound file to the computer. Then proceed with the steps as described in *Create an Original Start-up Image File and then Add It*.

- Use settings like those below when creating an image file for the start-up image with an image editing program.
  Compression Method : JPEG (Baseline JPEG)
  Data Sampling : 4:2:0 or 4:2:2
  Pixels (w x h) : 320 x 240 pixels
- Use settings like those below when creating a sound file with a sound recording program.
  Compression Method : WAV (Monaural)
  Quantifying Bits : 8 bit
  Sampling Frequency : 11.025 kHz or 8.000 kHz

Use the following lengths as guidelines for the length of sound file that can be saved to the camera.

Type	Duration in Seconds	
	11.025 kHz	8.000 kHz
Start-Up Sound	1.0 sec. or less	1.3 sec. or less
Shutter Sound	0.3 sec. or less	0.4 sec. or less
Operation Sound	0.3 sec. or less	0.4 sec. or less
Self-Timer Sound	2.0 sec. or less	2.0 sec. or less

Appendices

This chapter explains how to uninstall the programs.
Read the *Troubleshooting* section in this chapter if you experience a problem using the programs.

Uninstalling the Software

The procedures for uninstalling the software are only required when you wish to delete the programs from your computer or when reinstallation is required to fix corrupted files.

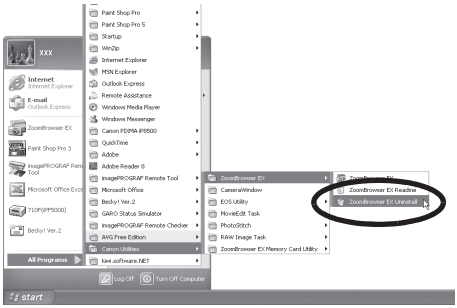
Authorization as a computer Administrator is required to uninstall software.

Uninstalling the Software (Windows)

This explanation uses ZoomBrowser EX to demonstrate how to uninstall a program. You can remove other programs with the same procedures.

1 Click the Windows [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [ZoomBrowser EX] and [ZoomBrowser EX Uninstall].

The uninstall utility will start and remove ZoomBrowser EX.



Uninstalling the USB Driver (Windows)

It is essential to note that you will not be able to download images if you uninstall the USB driver.

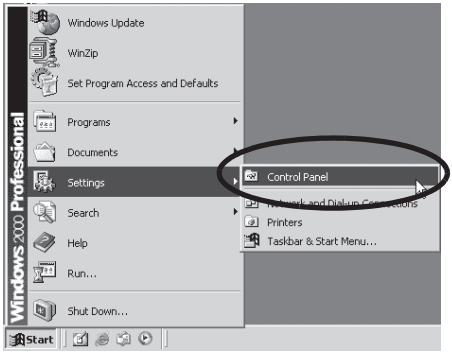
Windows Vista, Windows XP
You do not need to uninstall the USB driver.

Windows 2000
Uninstall the USB Driver using the following procedures.

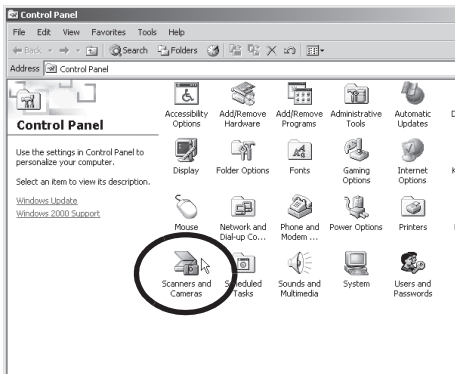
1 Attach the supplied interface cable to the computer's USB port and the camera's DIGITAL Terminal. Prepare the camera for communication with the computer.
For interface cable connection instructions, see the *Camera User Guide*.

2 Click [Cancel] to close the Events Dialog if it appears.
If CameraWindow appears, click [Operate using this computer] followed by ☒ in the View Window.

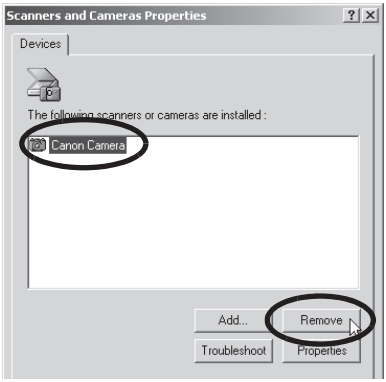
3 Click the [Start] menu and select [Settings], followed by [Control Panel].



4 Double-click the [Scanners and Cameras] icon.



5 Select your camera model name or [Canon Camera] in the [Scanners and Cameras Properties] dialog, and click [Remove].



If your camera model name does not appear here, see the *Camera not detected, Events dialog won't display or images will not download to the computer* (p. 80) of the *Troubleshooting* section.

6 Click the Windows [Start] menu and select [Programs], followed by [Canon Utilities], [Camera TWAIN Driver x.x] and [Uninstall TWAIN Driver]. A version number appears in place of the "x.x".

The uninstall process will start.

To connect the camera to the computer and download after this point, use the following procedures.

1. Reinstall the driver.
2. Connect the camera to the computer with the interface cable.

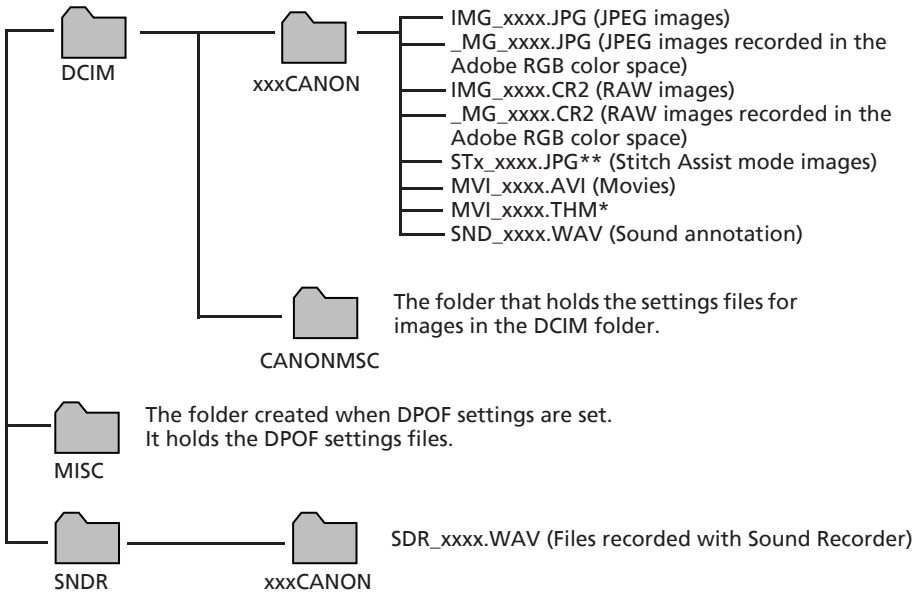
Uninstalling the Software (Macintosh)

Uninstall the programs by dragging the application's folder (the folder in which it was installed) into the Trash, and then empty the Trash.

Please be careful not to accidentally delete any folders with downloaded images that may be contained within the application folder.

Memory Card Folder Structure

The images on a memory card are placed in subfolders of the [DCIM] folder labeled [xxxCANON], where the "xxx" represents a number in the range 100 - 999.


DCIM
xxxCANON
IMG_xxxx.JPG (JPEG images)
_MG_xxxx.JPG (JPEG images recorded in the Adobe RGB color space)
IMG_xxxx.CR2 (RAW images)
_MG_xxxx.CR2 (RAW images recorded in the Adobe RGB color space)
STx_xxxx.JPG** (Stitch Assist mode images)
MVI_xxxx.AVI (Movies)
MVI_xxxx.THM*
SND_xxxx.WAV (Sound annotation)
CANONMSC
The folder that holds the settings files for images in the DCIM folder.
MISC
The folder created when DPOF settings are set. It holds the DPOF settings files.
SNDR
xxxCANON
SDR_xxxx.WAV (Files recorded with Sound Recorder)

- *Files with the THM extension are the thumbnail image files for the camera's index replay mode.
- The "xxxx" in file names represent four-digit numbers.
- **Each successive file shot in Stitch Assist mode is assigned a letter starting from "A," which is inserted as the third digit in the name. i.e. [STA_0001.JPG], [STB_0002.JPG], [STC_0003.JPG]...
- All folders except the "xxxCANON" folders contain image settings files. Do not open or delete them.
- Depending on the camera, some data types cannot be recorded.

Troubleshooting

Please read this section if you encounter a problem using the software.

Start by Checking This

Investigate the following points first if you encounter a problem.

Does your computer satisfy the requirements listed in the *System Requirements* section (p. 7)?

Is the camera correctly connected to the computer?

See the *Camera User Guide* for the correct connection procedures. Also check to ensure that you are using the correct cable and that it is securely attached at both ends.

Are the camera and computer in the correct modes to transfer data?

Some models require the camera to be set to the playback mode to transfer data. See the *Camera User Guide* for details.

Is the battery sufficiently charged?

Check the battery charge if you are powering the camera with a battery. You are recommended to use an AC adapter (sold separately) to power the camera when it is connected to a computer.

Problems

Try the suggested solutions to the common problems listed below.

USB driver installation not proceeding well (Windows 2000).

Uninstall the driver (p. 76) before reinstalling it with the procedures in *Installing the Software and USB Driver* (p. 9).

Add New Hardware Wizard or New Hardware Found (Windows 2000) Wizard displays when the camera is connected to the computer with an interface cable (Windows).

Click [Cancel] to close the window. Temporarily disconnect the camera from the computer. Next, read *Start by Checking This* on the previous page and resolve the problem.

Cannot download images or shoot remotely. (For cameras connected to the computer via an interface cable: only cameras supporting Hi-Speed USB 2.0).

The problem may be resolved by lowering the transmission speed for data by following the procedures below.

Solution:

Hold the **MENU** button on the camera down and press the (Print/Share) button and **FUNC./SET** button simultaneously. In the displayed screen, select [B] and press the **FUNC./SET** button.

Images won't download into a TWAIN-compliant program (Camera and computer connected via interface cable (Windows 2000)).

Click [Operate using this computer] in CameraWindow and click ☒ in the View Window to close it.

Camera not detected, Events dialog won't display or images will not download to the computer (when camera is connected to the computer via an interface cable (Windows)).

Cause 1:

The USB Driver may not be correctly installed (Windows 2000).

Solution:

Install the USB driver with the procedures in *Installing the Software and USB Driver* (p. 9). Then connect the camera to the computer with the interface cable and prepare it to transfer data. If the USB driver is already installed, uninstall (p. 76) it first and then reinstall it.

Cause 2:

The camera may have been recognized as another device under the following circumstances (Windows only).

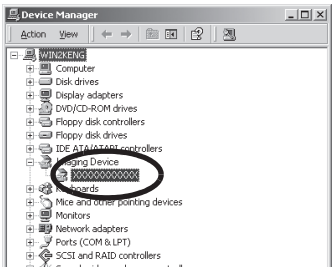
- The camera was connected to the computer before the USB driver was installed.
- The [Scanners and Cameras] icon or the [Scanners and Cameras] folder cannot be found in the [Control Panel] or the [Printers and Other Hardware] window.
- Your camera model name, [Canon Camera] or a camera icon does not display in the [Scanners and Cameras Properties] dialog or the [Scanners and Cameras] folder.

Solution:

Delete the device with the following procedures.

You must be authorized as a Computer System Administrator to delete devices.

1. Display the [Device Manager] dialog.
   Windows Vista: Click the [Start] menu, [Control Panel], [System and Maintenance], [System], and Task list [Device Manager].
   Windows XP: Click the [Start] menu, [Control Panel], [Performance and Maintenance], [System], [Hardware] tab, and the [Device Manager] button.
   Windows 2000: Click the [Start] menu, [Settings], [Control Panel], [System], [Hardware] tab, and the [Device Manager] button.
2. Click the ⊞ symbol beside the [Other devices], [Portable Devices] and/or [Imaging devices] category.
   Your camera model name or [Canon Camera] will display in these categories if it is being recognized as an "other" device.



There are other potential reasons for the problem if the "Other devices", "Portable Devices" or "Imaging devices" categories do not appear or your camera model name or [Canon Camera] does not appear. Proceed to Step 5, and temporarily quit the procedures.

3. Select your camera model name or [Canon Camera], right-click and select [Delete].

4. Click [OK] in the confirmation dialog.
   Delete all instances of your camera model name or [Canon Camera] if it appears in one or more places in the [Other devices] or [Imaging devices] categories.
5. Close [Device Manager] or [System Properties].

With Windows 2000, continue by deleting the setup information file.

> **Step 6 and above are not required for Windows Vista and Windows XP.**

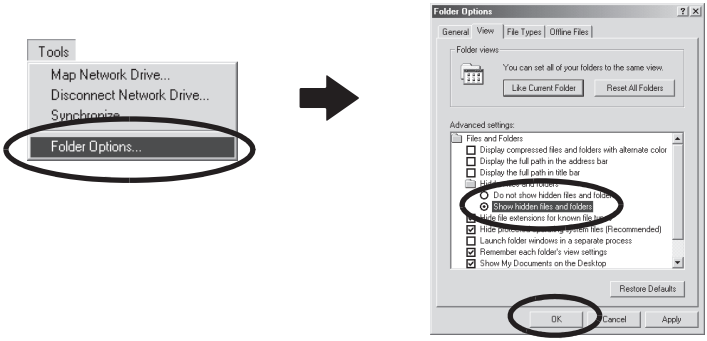
6. Double-click the [My Computer] icon on the desktop, followed by the [C:] drive, [WINNT] folder and [inf] folder.

If the [inf] Folder Is Not Visible in the [WINNT] Folder

Use the following procedures to show all files and folders.

1. Open the [WINNT] folder.
2. Click the [Tools] menu and select [Folder Options].
3. Click the [View] tab.
4. In the [Files and Folders] category in the Advanced Settings section, set [Hidden files and folders] to [Show hidden files and folders]. Remove the check marks from [Hide file extensions for known file types] if it is present.
5. Click [OK] to close the dialog.

This will make the hidden files and folders visible.



7. Look for files for Canon digital cameras that start with [CAP*].
   The "*" represents a number, such as 0 or 1.
   [CAP*] files come in pairs of [CAP*.inf] and [CAP*.pnf] files, "*" represents the same number (For example, [CAP0.inf] and [CAP0.pnf]).

8. Double-click the [CAP*] files to check their contents.
   Double-clicking a [CAP*.inf] file will open it in the Windows Notepad program. Check all files, and look for [;****Canon Camera Driver Setup File****] in the first line. Note down the names of these files.

> **Several sets of [CAP*] files may be present in the [inf] folder. Open up each file to confirm that it is an [CAP*] file for Canon digital cameras before you do anything with the file.**

9. Delete the [CAP*] file set.
   Delete the [CAP*.inf] and [CAP*.pnf] file for Canon digital cameras that you noted down in Step 8.

> **The [inf] folder contains numerous files critical to the computer's operation. Be extremely careful to delete the correct files. If you delete the wrong files, you may be unable to restart Windows.**

10. Reinstall the driver with the procedures in *Installing the Software and USB Driver* (p. 9).

Zooming Images in ZoomBrowser EX is Slow or Not Working

Some graphics cards or settings may cause the display of zoomed images in ZoomBrowser EX to slow down or malfunction. If this occurs, set your computer display's Hardware acceleration setting to a lower setting.

1. Click the Windows [Start] menu, followed by [Control Panel].
   With Windows 2000, click the [Start] menu and select [Settings], followed by [Control Panel].
2. Display the [Hardware acceleration] setting window.

   Windows Vista: Click [Appearance and Personalization], followed by [Adjust screen Resolution], [Advanced Settings] button and [Troubleshoot] tab.

   Windows XP: Click the [Appearance and Theme] icon, followed by the [Display] icon, [Settings] tab, [Advanced] button and [Troubleshoot] tab.

   Windows 2000: Click the [Display] icon, followed by the [Settings] tab, [Advanced] button and [Troubleshoot] tab.
3. Set the [Hardware acceleration] to a setting below [Full] and click [OK].
4. Restart the computer if prompted.

An error message "Insufficient free memory" displays when using PhotoStitch

Please try one of the following methods.

- Close all other applications other than PhotoStitch.
- Reduce the size or number of images to combine.
- In the [Save] tab, select [Adjust image...], then in "Saved Image Size" reduce the size.

If You Were Using ZoomBrowser EX Version 2 or 3

Take the following steps if you were using ZoomBrowser EX version 2 or 3 with Windows.

If Titles and Comments Were Attached to Your Images.

Take the following steps to display in version 6 the titles and comments you input in version 2/3.

1. Use Windows Explorer to open the [Program] folder within the folder in which you installed ZoomBrowser EX 6.
   (e.g. C:\Program Files\Canon\ZoomBrowser EX\Program)

2. Double-click [dbconverter.exe] found in this folder to start this utility.
   With Windows Vista, right-click the [dbconverter.exe] file and select [Run as administrator] to proceed with authorization as a computer Administrator.

3. Select the database file you were using up to this point and click the [Start] button.
   (e.g. C:\Program Files\Canon\ZoomBrowser EX\Database\My Database.zbd)

   This will display the titles and comments input in the earlier versions in the comments section of ZoomBrowser EX 6.

If You Had Images in a Folder Below the Program Files Folder

Image files in the [Program Files] folder or a subfolder cannot be displayed in ZoomBrowser EX 6 from that location. To display these files, first perform steps 1-3 above and then carry on with Step 4.

4. Use Windows Explorer to copy the folder and the images it contains from the [Program Files] folder to another folder.
   (e.g. Copy the image folders in C:\Program Files\Canon\ZoomBrowser EX\Library One to another location.)

   The moved folder images can now be selected and displayed with ZoomBrowser EX 6.

Downloading Images without Installing the Software

If you are running Windows Vista, Windows XP or Mac OS X (v10.3/v10.4), download images by simply connecting the camera to a computer, without installing the software bundled on the Canon Digital Camera Solution Disk.
However, please note that there are several limitations.

This function cannot be used on the Windows 2000 platform. You must install the bundled software for downloading with this platform.

If you use the bundled software, the following limitations do not apply.

- It may take a few minutes, after connecting to the camera, until you can download images.
- The camera information (firmware version, etc.) may not display correctly. In this case, use the software from the Canon Digital Camera Solution Disk.
- Sound files attached to still images as sound memos and sound files recorded with the Sound Recorder function may not download depending on file size and software used.
- RAW images or JPEG images recorded at the same time as RAW images may not be downloadable with some software programs or operating systems.
- Movies may not download correctly if the file size or software program is incompatible.
- Images shot in the vertical orientation may be downloaded in the horizontal position.
- The protection setting for images protected in the camera may be lost when transferred to the computer.
- In addition, there may be problems with downloading images or image information correctly depending upon the version of the operating system in use, the file size or the software in use.

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